



18th ASIAN GAMES
**Jakarta
Palembang
2018**

TV PRODUCTION HANDBOOK

18th Asian Games Jakarta Palembang 2018

18 AUGUST – 2 SEPTEMBER 2018



Welcome Message from INASGOC



Dear Rights Holding Broadcasters (RHBs), Colleagues and Friends,

It is with great pleasure that we welcome you to Indonesia, to the venues and International Broadcast Centre (IBC) and to the 18th Asian Games Jakarta Palembang 2018. We are honoured to have you as our guests for this exciting event, the first in Indonesia since the 4th Asian Games in 1962 and only the second time we have had the opportunity to invite all of Asia to our country for the Games.

The Olympic Council of Asia (OCA), Indonesia Asian Games Organising Committee (INASGOC) and International Games Broadcast Services (IGBS) have been working tirelessly over the past months in order to ensure that the conditions are perfect at all 55 competition venues and at the IBC so that you can have the optimal circumstances to share coverage of the Games all across the continent and beyond. We have implemented up to 30 cameras for the live coverage of 52 sports, while all others will be documented by Electronic News Gathering (ENG) teams – meaning every moment of passion and glory and every medal won will be available for you to tell the story of the Games.

In both Jakarta and Palembang, our teams have done all possible to prepare for your arrival and will continue to work to assist you during your broadcast missions at the Games. We thank each and every one of you for the dedication and excellence you will display over the month to come, as you help us to share the Energy of Asia with the world.

Let the Games begin!

Sincerely,

Erick Thohir
President of INASGOC



Welcome Message from IGBS



Dear Rights Holding Broadcasters,

It is with great pleasure that we welcome you to Jakarta and Palembang for the 18th Asian Games Jakarta Palembang 2018.

IGBS is delighted to have been selected as the Host Broadcaster for this exceptional event by the Local Organising Committee, Indonesia Asian Games 2018 Organizing Committee (INASGOC), and we have worked tirelessly along with local partners to make these Games a once-in-a-lifetime sporting event. IGBS is a true child of the Asian Games, having been founded in 2004 as Doha Asian Games Broadcast Services (DAGBS) with the purpose of delivering the Host Broadcast of the 15th Asian Games Doha 2006. Since its creation, IGBS has built a strong CV with missions in Asia – whether as Summer or Winter Asian Games or for South East Asian Games.

As always, IGBS aims to build on the success of past events to raise the bar with the objective of delivering the best coverage of the Games. Many of the staff who worked on the first event in Doha back in 2006 are still at IGBS today, either involved on the 18th Asian Games Jakarta Palembang 2018 project or having shared their wealth of experience with the next generation. It is that continuity and progress that instils in you the confidence you need when arriving for a major mission such as the Asian Games.

More than 2,000 staff, over half of them from Asian nations, are on site across the numerous competition venues in the four venue clusters. They represent IGBS proudly and have ensured that all efforts have been made at the International Broadcast Centre (IBC) and at the venues to prepare the set-up and facilities you require to succeed in your project here in Indonesia. The next generation is also of paramount importance to us, as part of IGBS' best practices is to leave a broadcast legacy behind in each host country, and with that in mind, we are proud to have been spearheading a Legacy Programme that sees hundreds of local trainees participate in the Games through different capacities.

IGBS would like to take the opportunity to give special thanks to INASGOC and the Olympic Council of Asia (OCA), with whom we have worked side by side during the preparation period and who have gone out of their way to provide us with the infrastructure and support necessary for the development of our plans. We move forward together now to deliver all that you need to produce a best ever coverage of the Asian Games. Good luck and we wish you all the best for your operations over the coming month.

Francis Tellier

CEO
International Games Broadcast Services

Graham Fry

Chairman
International Games Broadcast Services

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CHAPTER 1

18th ASIAN GAMES JAKARTA PALEMBANG 2018







ONE 18TH ASIAN GAMES JAKARTA PALEMBANG 2018

The 18th Asian Games will be held in Jakarta and Palembang, Indonesia, from 18 August to 2 September 2018. It is the first time in the history of the Games that two cities will host the competition. This will be the second time Indonesia will host the Asian Games, Jakarta having been the host city of the 4th Asian Games in 1962.

Host Country – Indonesia



Indonesia (officially the Republic of Indonesia), is a unitary sovereign state and country located in Southeast Asia, with some territories in Oceania. Situated between the Indian and Pacific oceans, it is the world's largest island country, with more than 17,000 islands stretching over 1,904,569 square kilometres. It has an estimated population of over 260 million people and is the world's fourth most populous country. The world's most populous island, Java, contains more than half of the country's population.

Indonesia's republican form of government includes an elected legislature and president. The country is made of 34 provinces. Its capital is Jakarta, which is also the most populous city in Southeast Asia. The country shares land borders with Papua New Guinea, East Timor, and the eastern part of Malaysia; other neighbouring countries and territories include Singapore, Vietnam, the Philippines, Australia, Palau, and the Indian territory of the Andaman and Nicobar Islands. The country has abundant natural resources like oil and natural gas,

tin, copper and gold. Agriculture mainly produces rice, palm oil, tea, coffee, cacao, medicinal plants, spices and rubber. Indonesia's major trading partners are Japan, the United States, China and the surrounding countries of Singapore, Malaysia and Australia.

Indonesian history has been influenced by foreign powers drawn to its natural resources. Muslim traders and Sufi scholars brought the now-dominant Islam, whilst European powers brought Christianity and fought one another to monopolise trade in the Spice Islands of Maluku during the Age of Discovery. Before Indonesia secured its independence after World War II between 1945 and 1949, the country had lived through three and half centuries of Dutch colonialism. Starting from Amboina and Batavia, the Dutch rule stretched all through the archipelago, including Timor and Western New Guinea, with the Portuguese, French and British also controlling these regions at different times throughout its history.

Location





Host Cities

Jakarta



Located on the northwest coast of the world's most populous island of Java, Jakarta is a cosmopolitan city, and Indonesia's centre of economics, culture and politics, with a population of 10,075,310 (as of 2014). Jakarta's business opportunities, as well as its potential to offer a higher standard of living, attract migrants from all over Indonesia and the world, making the city a melting pot of many communities and cultures.

The city's planned infrastructure projects for the event include a light-rapid transit (LRT) network, a velodrome and an equestrian centre. The 5.8-kilometre LRT network will allow spectators of the Asiad to reach the Britama Sports Hall in North Jakarta, the equestrian centre in Pulomas and the velodrome in Rawamangun, both in East Jakarta.

The velodrome's development will be monitored directly by the Union Cycliste Internationale (UCI), and the equestrian venue will be an international-standard equestrian facility, certified as an Equine Disease free zone. The facility will be built on a 35-hectare plot of land.



Palembang

Palembang is the oldest city in Indonesia, as the earliest evidence of its existence dates from the 7th century. It is the second-largest city on Sumatra island (population of 1,708,413 people in 2014) and the capital city of the South Sumatra province. Palembang is located on the Musi River banks on the east coast of southern Sumatra.

Palembang has some of the biggest arenas in South East Asia, but also support infrastructure, such as an international airport, hotels and railroads. Palembang has built a skybridge to connect the Sultan Mahmud Badaruddin II International Airport with a LRT terminal.

In anticipation to the Asian Games, Palembang has built 20 new hotels, adding a total of 10,000 new hotel rooms to host athletes and sports ambassadors during the Games. Jakabaring Sriwijaya Stadium has also been renovated in preparation for the 18th Asian Games Jakarta Palembang 2018 to increase the capacity from 23,819 seats to 40,000 seats.

Indonesia Fact Sheet

Capital: Jakarta

Head of State: Joko Widodo (President)

Head of Government: Joko Widodo

Government: Unitary Presidential Constitutional Republic

Nationality: Indonesian

Population: 263,510,000 (estimate 2017)

Official Language: Bahasa Indonesia (official), English widely spoken

Religions: Islam 87.2%, Christianity 9.9%, Hindu 1.7%, Buddhist 0.7%

National Flag



The flag of Indonesia, also known as the 'Sang Saka Merah-Putih', 'Bendera Merah-Putih' or 'Merah-Putih', is composed of two equal horizontal bands, red (top) and white (bottom). It was introduced in public at the Indonesian Declaration of Independence on 17 August 1945 in Jakarta, and again when the Dutch formally transferred sovereignty on 17 August 1950. The design of the flag, inspired by the banner of the Majapahit Empire based on the island of Java from 1293 to around 1500, has remained unchanged since.

Geography

Location: Southeast Asia, Oceania

Area: 1,904,569 km²

Physical Features: Large archipelagic country (17 islands), coastal plains and mountains/volcanic areas

Climate: Tropical/equatorial, with two seasons (dry and wet)

Weather: The average temperature in Jakarta for September is 33° with humidity reaching 68%

Practical Information

Weekend: Saturday/Sunday

Working Hours: Mondays to Fridays 09:00–13:00 and 14:00–17:00. Saturday hours are often 09:00–13:00.

Local time (Jakarta & Palembang): Western Indonesian Time (WIB)/Coordinated Universal Time (UTC) + 7 hours.

Electrical current: 230 V/50 Hz, standard socket C & F

Country Code (Telephone): +62 (To make an international dial 00/+ followed by the relevant country code for the country you are calling).

Currency: The official currency is the Indonesian Rupiah (IDR), which is divided into 100 cents. The exchange rate at the time of this Handbook's publication (July 2018) was approximately 1 USD = 14,285 IDR.

1 EUR = 17,600 IDR/ 1 CHF = 15,000 IDR/ 1 GBP = 19,800 IDR.

Emergency Numbers

Police – General Emergencies: 110/112 (SMS 1717)

Ambulance and Rescue: 118

Fire: 113

Medical Emergencies: 119

Tourist Police (Jakarta): (021) 526 4073



Medical Centres

Jakarta Medical Center (JMC) Hospital

Address: Jl. Warung Buncit Raya No.15, Jl. Warung Jati Bar. No.8, RT.10/RW.5, Kalibata, Pancoran, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 12740, Indonesia

Hours: 24 hours per day

Telephone: +62 (0) 21 798 0888

Mahkota Medical Center

Address: Blok WB 2 No.17, Jl. Boulevard Raya, RT.11/RW.15, Klp. Gading Tim., Klp. Gading, Kota Jkt Utara, Daerah Khusus Ibukota Jakarta 14240, Indonesia

Hours: Monday–Saturday 09:00–17:00
Sunday Closed

Telephone: +62 (0) 21 4531677

Tirta Medical Center

Address: Bellagio Mall O.G & O.UG 21-24, Kawasan Mega Kuningan Barat Kav E 4.3, RT.5/RW.2, Kuningan Tim., Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 12950, Indonesia

Hours: Monday–Friday 08:00–16:00
Saturday 08:00–12:00
Sunday Closed

Telephone: +62 (0) 21 30066508

Courier Services

DHL Express

<http://www.dhl.co.id/id.html>

UPS

<https://www.ups.com/content/corp/worldwide/asia/indonesia.html>

FedEx

<http://www.fedex.com/id/>

Event Information

Event Overview

The 61 sports/disciplines (41 with live TV coverage, 16 with ENG) will take place in new and existing venues divided in four main clusters, on two islands: Gelora Bung Karno (GBK) cluster, Jakarta cluster, Jakarta Suburb cluster and Jakabaring Sport City (JSC) Palembang cluster. The closest competition venue to the IBC is the Stadion Utama Gelora Bung Karno, situated 900 m away from the Jakarta Convention Centre (JCC), where the IBC will be located.

Key Facts and Figures

The Broadcast

- 2,100 + hours of coverage
- Full coverage of all sports delivered in HD-SDI 1080i/50 with embedded-stereo sound
- 37 Live HD Production units varying in size from 6 cameras to 30 cameras
- 13 Electronic News Gathering (ENG) crews to cover the non-live events
- 40 production teams to produce 67 sports and disciplines, 25 of which are produced by Asian crews

Competition Format

- 45 participating nations
- 40 sports
- 25 days with scheduled sporting events
- 462 events
- 40+ sports facilities

Official Logo



The 18th Asian Games Jakarta Palembang 2018 logo is inspired by the shape of Gelora Bung Karno Main Stadium, with eight paths leading to the stadium and the shining sun emblem of the Olympic Council of Asia (OCA) logo in the centre, which reflects the 'Energy of Asia' theme. The design tells that the 'Energy of Asia' will radiate throughout the world. The multicoloured arcs are also evocative of the multinational cultural nature of Asia and Indonesia.

Mascots



**BHIN
BHIN**

Bhin Bhin is a Cendrawasih bird, wearing a vest with Asmat pattern details from Papua. Bhin Bhin represents strategy.

ATUNG

Atung is a Bawean deer, wearing a sarong with Jakarta's Tumpal batik pattern. Atung represents speed.

KAKA

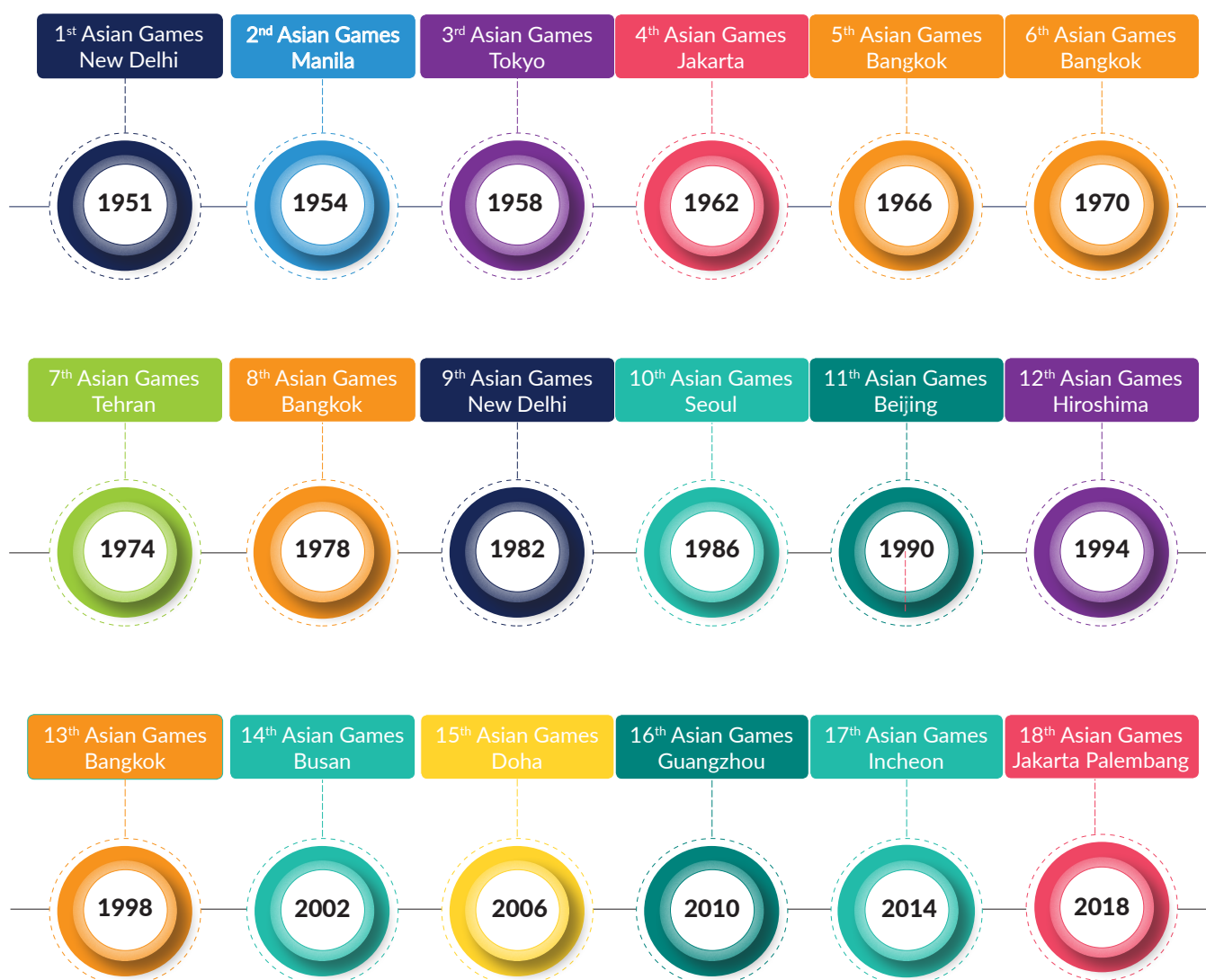
Kaka is a one-horned rhinoceros, wearing Palembang's traditional attire featuring a flower pattern. Kaka represents strength.



History of the Games

The Asian Games, also known as Asiad, is a pancontinental multi-sport event held every four years among athletes from all over Asia. The Games were regulated by the Asian Games Federation (AGF) from the first Games in New Delhi, India, until the 1978 Games. Since the 1982 Games, they have been organised by the Olympic Council of Asia (OCA). The Games are recognised by the International Olympic Committee (IOC) and are described as the second largest multi-sport event after the Olympic Games. In its history, nine nations have hosted the Asian Games. Forty-six nations have participated in the Games, including Israel, which was excluded from the Games after their last participation in 1974.

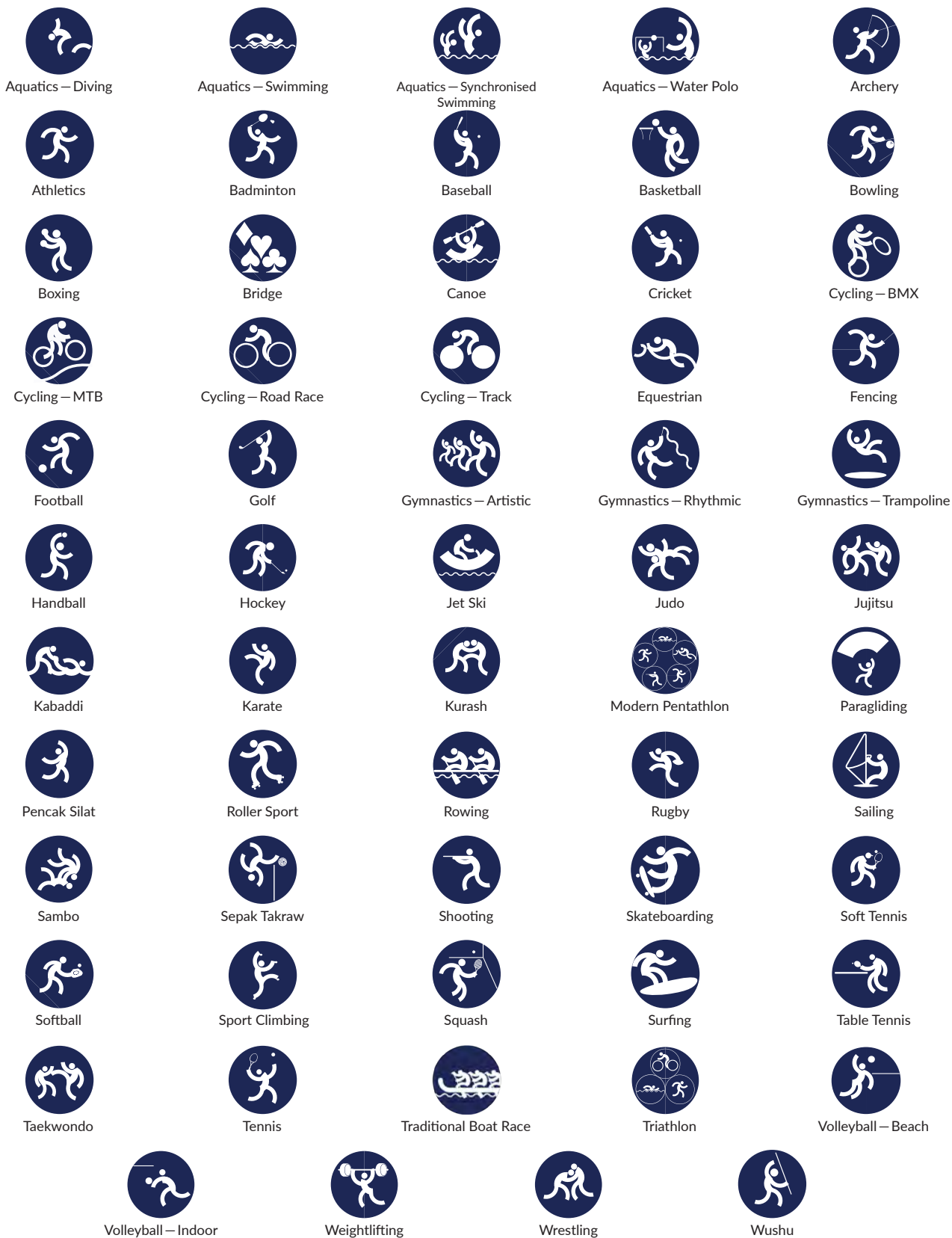
Event Timeline



Key

| | | |
|-------------|--------------------------|-------------------|
| India | Indonesia | Republic of Korea |
| Philippines | Thailand | China |
| Japan | Islamic Republic of Iran | Qatar |

Sport Pictograms





Participating Nations



Afghanistan (AFG)



Bahrain (BRN)



Bangladesh (BAN)



Bhutan (BHU)



Brunei (BRU)



Cambodia (CAM)



China (CHN)



Hong Kong, China (HKG)



Indonesia (INA)



India (IND)



Islamic Republic of Iran (IRI)



Iraq (IRQ)



Japan (JPN)



Jordan (JOR)



Kazakhstan (KAZ)



Republic of Korea (KOR)



Kingdom of
Saudi Arabia (KSA)



Independent Olympic
Athletes (KUW)



Kyrgyzstan (KGZ)



Lao PDR (LAO)



Lebanon (LBN)



Macau, China (MAC)



Malaysia (MAS)



Maldives (MDV)



Mongolia (MGL)



Myanmar (MYA)



Nepal (NEP)



Oman (OMA)



Pakistan (PAK)



Palestine (PLE)



Philippines (PHI)



DPR Korea (PRK)



Qatar (QAT)



Singapore (SGP)



Sri Lanka (SRI)



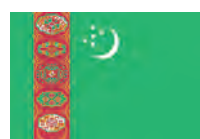
Syria (SYR)



Thailand (THA)



Tajikistan (TJK)



Turkmenistan (TKM)



Timor Leste (TLS)



Chinese Taipei (TPE)



United Arab Emirates
(UAE)



Uzbekistan (UZB)



Vietnam (VIE)



Yemen (YEM)

Competition Schedule by Sport

[illegible]



| SPORT DISCIPLINE | VENUES | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|-------------------------------|---------------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| | | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| SAILING | ANCOL Marina | | | | | | | | | | | | | | | | | * | * | * | | * | * | | M | | |
| SAMBO - Mat One | JCC Assembly Hall | | | | | | | | | | | | | | | | | | | | | | | | M | M | |
| SAMBO - Mat Two | JCC Assembly Hall | | | | | | | | | | | | | | | | | | | | | | | | M | M | |
| SEPAK TAKRAW | JSC Ranau Hall | | | | | | | | | | | | * | * | * | M | * | * | M | * | * | M | * | * | * | M | |
| SHOOTING | JSC Shooting Range | | | | | | | | | | | | M | M | M | M | M | M | M | M | | | | | | | |
| SHOOTING | JSC Shooting Range | | | | | | | | | | | | | | | | | M | M | | | | | | | | |
| SKATEBOARDING | JSC Skateboard Park | | | | | | | | | | | | | | | | | | | | | * | M | | | | |
| SOFT TENNIS | JSC Tennis Court | | | | | | | | | | | | | | | | | | | | | * | M | M | M | M | |
| SOFTBALL | GBK Softball | | | | | | | | | | | | * | * | * | * | * | M | | | | | | | | | |
| SPORT CLIMBING | JSC Sport Climbing | | | | | | | | | | | | | | | | M | * | * | M | M | | | | | | |
| SQUASH | Hall D GBK Senayan | | | | | | | | | | | | | | | | * | * | * | * | M | * | * | * | * | M | |
| TABLE TENNIS - Table Two | JIEXPO Kemayoran B | | | | | | | | | | | | | | | | | | | | * | * | * | * | * | * | |
| TABLE TENNIS - Tables One | JIEXPO Kemayoran B | | | | | | | | | | | | | | | | | | | * | * | M | * | M | * | M | |
| TAEKWONDO - Mat One | JCC Plenary Hall | | | | | | | | | | | | M | M | M | M | M | | | | | | | | | | |
| TAEKWONDO - Mat Two | JCC Plenary Hall | | | | | | | | | | | | M | M | M | M | M | | | | | | | | | | |
| TENNIS - Court One | JSC Tennis Court | | | | | | | | | | | | * | * | * | * | * | M | M | | | | | | | | |
| TENNIS - Court Two | JSC Tennis Court | | | | | | | | | | | | * | * | * | * | * | * | | | | | | | | | |
| TRADITIONAL BOAT RACE | JSC Lake Jakabaring | | | | | | | | | | | | | | | | | * | * | M | | | | | | | |
| TRIATHLON | JSC Lake Jakabaring | | | | | | | | | | | | | | | | | | | | | | | | M | M | M |
| VOLLEYBALL Indoor - 2nd court | GOR Pertamina Simprug | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| VOLLEYBALL Indoor - Main Only | GBK Tennis Indoor Stadium | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | * | * | * | * | * | M |
| WEIGHTLIFTING | JIEXPO Kemayoran A | | | | | | | | | | | | | M | M | M | M | M | M | M | M | | | | | | |
| WRESTLING - Mat One | JCC Assembly Hall | | | | | | | | | | | | M | M | M | M | | | | | | | | | | | |
| WRESTLING - Mat Two | JCC Assembly Hall | | | | | | | | | | | | M | M | M | M | | | | | | | | | | | |
| WUSHU | JIEXPO Kemayoran B | | | | | | | | | | | | M | M | M | M | M | | | | | | | | | | |

- Opening and Closing Ceremonies
- Competition Day
- M Medal Round

Competition Schedule by Venue

| CLUSTER | VENUES | SPORT DISCIPLINE | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 | |
|--------------------|----------------------------|------------------------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
| | | | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | |
| JAKARTA ONE | GBK Main Stadium | OPENING & CLOSING CEREMONIES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | GBK Main Stadium | ATHLETICS Integrated | | | | | | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| | GBK Main Stadium | ATHLETICS Field Vertical | | | | | | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| | GBK Main Stadium | ATHLETICS Field Horizontal | | | | | | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| | GBK Main Stadium | ATHLETICS Field Throws | | | | | | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| | GBK Main Stadium | ATHLETICS Stadium beauty | | | | | | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| | GBK Aquatic Center | AQUATICS - Swimming | | | | | | | | | | | | | M | M | M | M | M | M | | | | | | | | | |
| | GBK Aquatic Center | AQUATICS - Diving | | | | | | | | | | | | | | | | | | | | | | M | M | M | M | M | |
| | GBK Aquatic Center | AQUATICS - Sync Swimming | | | | | | | | | | | | | | | | | | | | | M | M | M | | | | |
| | GBK Aquatic Center | AQUATICS - Water Polo | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | GBK Archery Field | ARCHERY | | | | | | | | | | | * | * | | * | * | M | | | | * | * | * | * | * | * | M | |
| | GBK Basketball Hall | BASKETBALL - 5x5 - Basketball Hall | | | | | | | | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| | GBK Istora | BASKETBALL - 5x5 - Istora | | | | | | | | | | | | | | | | | | | | | | | | | * | M | |
| | GBK Istora | BADMINTON - Court One | | | | | | | | | | | | | * | * | * | M | * | * | * | M | M | | | | | | |
| | GBK Istora | BADMINTON - Court Two | | | | | | | | | | | | | * | * | * | | * | * | * | | | | | | | | |
| | GBK Baseball | BASEBALL | | | | | | | | | | | | | | | | | | | | * | * | * | | * | * | M | |
| | GBK Softball | SOFTBALL | | | | | | | | | | | | | * | * | * | * | M | | | | | | | | | | |
| | GBK Tennis Centre Court | BASKETBALL - 3x3 | | | | | | | | | | | | | | * | * | | * | * | M | | | | | | | | |
| | GBK Hockey Field 1 | HOCKEY - Main pitch | | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | * | * | * | * | M | M |
| | GBK Tennis Indoor Stadium | VOLLEYBALL Indoor - Main Only | | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | * | * | * | * | * | M |
| | JCC Cendrawasih | FENCING | | | | | | | | | | | | | M | M | M | M | M | M | | | | | | | | | |
| | GBK Rugby Stadium | RUGBY - 7 | | | | | | | | | | | | | | M | M | M | M | M | | | | | | * | * | M | |
| | JCC Plenary Hall | TAEKWONDO - Mat One | | | | | | | | | | | | | M | M | M | M | M | | | | | | | | | | |
| | | KARATE - Mat One | | | | | | | | | | | | | | | | | | | | M | M | M | | | | | |
| | | JUDO - Mat One | | | | | | | | | | | | | | | | | | | | | | | M | M | M | M | |
| | JCC Plenary Hall | TAEKWONDO - Mat Two | | | | | | | | | | | | | M | M | M | M | M | | | | | | M | M | M | M | |
| | | KARATE - Mat Two | | | | | | | | | | | | | | | | | | | M | M | M | | | | | | |
| | | JUDO - Mat Two | | | | | | | | | | | | | | | | | | | | | | M | M | M | M | | |
| | JCC Assembly Hall | WRESTLING - Mat One | | | | | | | | | | | | | M | M | M | M | | | | | | | | | | | |
| | | JUJITSU - Mat One | | | | | | | | | | | | | | | | | | | M | M | M | | | | | | |
| | | KURASH - Mat One | | | | | | | | | | | | | | | | | | | | | | M | M | M | | | |
| SAMBO - Mat One | | | | | | | | | | | | | | | | | | | | | | | | | M | M | | | |
| JCC Assembly Hall | WRESTLING - Mat Two | | | | | | | | | | | | | M | M | M | M | | | | | | | | | | | | |
| | JUJITSU - Mat Two | | | | | | | | | | | | | | | | | | | M | M | M | | | | | | | |
| | KURASH - Mat Two | | | | | | | | | | | | | | | | | | | | | | M | M | M | | | | |
| | SAMBO - Mat Two | | | | | | | | | | | | | | | | | | | | | | | | | M | M | | |
| Jakarta Roads | ATHLETICS - Marathon | | | | | | | | | | | | | | | | | | | M | M | | | | | | | | |
| Hall D GBK Senayan | SQUASH | | | | | | | | | | | | | | | | | * | * | * | * | M | * | * | * | * | M | | |
| GBK Baseball | BASEBALL | | | | | | | | | | | | | | | | * | * | * | | | | | | | | | | |
| Various | ATH - Race Walks | | | | | | | | | | | | | | | | | | | | | | | M | M | | | | |
| JAKARTA TWO | JIEXPO Kemayoran A | WEIGHTLIFTING | | | | | | | | | | | | | | M | M | M | M | M | M | M | | | | | | | |
| | JIEXPO Kemayoran B | WUSHU | | | | | | | | | | | | | M | M | M | M | M | | | | | | | | | | |
| | | TABLE TENNIS - Tables One | | | | | | | | | | | | | | | | | | | | * | * | M | * | M | * | M | |
| | JIEXPO Kemayoran D | TABLE TENNIS - Table Two | | | | | | | | | | | | | | | | | | | | * | * | * | * | * | * | | |
| | | GYMNASTIC - Artistic | | | | | | | | | | | | | | | M | M | M | M | M | | | | | | | | |
| | | GYMNASTIC - Rhythmic | | | | | | | | | | | | | | | | | | | | | | M | M | | | | |
| | JIEXPO Kemayoran C | GYMNASTIC - Trampoline | | | | | | | | | | | | | | | | | | | | | | | M | | | | |
| | | BOXING | | | | | | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | M | |
| | TMII Pencak Silat Hall | PENCAK SILAT | | | | | | | | | | | | | | | | * | * | * | M | | | M | | | | | |
| | Theatre Garuda | KABADDI | | | | | | | | | | | | * | * | * | * | * | M | | | | | | | | | | |
| | Jakarta Velodrome | CYCLING - Track | | | | | | | | | | | | | | | | | | | | | M | M | M | M | M | | |
| | International Equestrian | EQUESTRIAN | | | | | | | | | | | | | | M | * | | M | * | * | M | * | M | | M | | | |
| | POPKI Cibubur | HANDBALL | | | | | | * | * | * | * | * | * | | * | * | * | * | * | * | * | * | * | * | * | M | M | | |
| | JIEXPO Kemayoran Ballroom | BRIDGE | | | | | | | | | | | | | | * | * | * | * | * | M | * | * | * | * | * | * | M | |
| | GOR Pertamina Simprug | VOLLEYBALL Indoor - 2nd court | | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Rawanangun | BASEBALL - 2nd Field | | | | | | | | | | | | | | | | | | | | * | * | * | * | * | * | | |
| | Pulo Mas area | CYCLING - BMX | | | | | | | | | | | | | | | | | | | M | | | | | | | | |
| | APM Equestrian | MODERN PENTATHLON | | | | | | | | | | | | | | | | | | | | | | | | | M | M | |
| | PONDOK INDAH GOLF | GOLF | | | | | | | | | | | | | | | | * | * | * | M | | | | | | | | |
| | ANCOL Beach | JET SKI | | | | | | | | | | | | | | | | * | * | M | M | M | | | | | | | |
| ANCOL Marina | SAILING | | | | | | | | | | | | | | | | | * | * | * | | | * | * | * | M | | | |
| JAKARTA SUBURB | Subang roads | CYCLING - Road Race | | | | | | | | | | | | | | | M | M | | | | | | | | | | | |
| | Pakan Sari (Bogor) | FOOTBALL - Men | | | | * | * | | | | * | * | * | * | * | * | | | | | | * | * | | | | | M | |
| | Jalak Harupat (Bandung) | FOOTBALL - Men | | | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | |
| | Wibawa Mukti (Cikarang) | FOOTBALL - Men | | | | | * | * | * | * | * | * | * | * | * | * | | * | * | | | | | | | | | | |
| | Patriot (Jakarta) | FOOTBALL - Men | | | | | * | * | * | * | * | * | * | * | * | * | | * | * | | | * | * | | | | | | |
| | Khe Bun Hill Subang | CYCLING - MTB | | | | | | | | | | | | | | M | M | | | | | | | | | | | | |
| | Subang roads | CYCLING - Time Trials | | | | | | | | | | | | | | | | | | M | | | | | | | | | |
| | Bandung Rentang Majalengka | CANOE - Slalom | | | | | | | | | | | | | | | * | * | M | M | | | | | | | | | |
| | Gunung Mas Puncak | PARAGLIDING | | | | | | | | | | | | | * | * | * | M | | * | * | * | * | * | M | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| CLUSTER | VENUES | SPORT DISCIPLINE | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|-----------|----------------------|-----------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| | | | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| PALEMBANG | JSC Gelora Sriwijaya | FOOTBALL - Women | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Bowling Center | BOWLING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Ranau Hall | SEPAK TAKRAW | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Shooting Range | SHOOTING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Sport Climbing | SPORT CLIMBING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Skateboard Park | SKATEBOARDING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Roller | ROLLER BLADING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Tennis Court | TENNIS - Court One | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Tennis Court | TENNIS - Court Two | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Beach Volley | BEACH VOLLEYBALL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Tennis Court | SOFT TENNIS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PLB Bumi Sriwijaya | FOOTBALL - Women | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Lake Jakabaring | ROWING | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Lake Jakabaring | CANOE - Sprint | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Lake Jakabaring | TRADITIONAL BOAT RACE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Lake Jakabaring | TRIATHLON | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | JSC Shooting Range | SHOOTING | | | | | | | | | | | | | | | | | | | | | | | | | | |

Opening and Closing Ceremonies

• Competition Day

M Medal Round





CHAPTER 2

ORGANISATIONS







TWO ORGANISATIONS

In July 2017, IGBS was appointed Host Broadcaster for the full implementation of the broadcast operations for the 18th Asian Games Jakarta Palembang 2018 by the Indonesian Asian Games Organization Committee (INASGOC) and the Olympic Council of Asia (OCA).

Olympic Council of Asia (OCA)



Founded on 5 December 1982 in New Delhi, India, the OCA is the governing body of all sports in Asia, charged with the mandate to supervise and encourage sport at the highest competitive levels. It is the sole organisation which oversees amateur sports in Asia, and the representative authority in all other bodies responsible for Olympic, Continental, International and other World Games. A constitution created on 13 February 1949 by the OCA rules that Asian Games will be held every four years, midway between the Olympic Games.

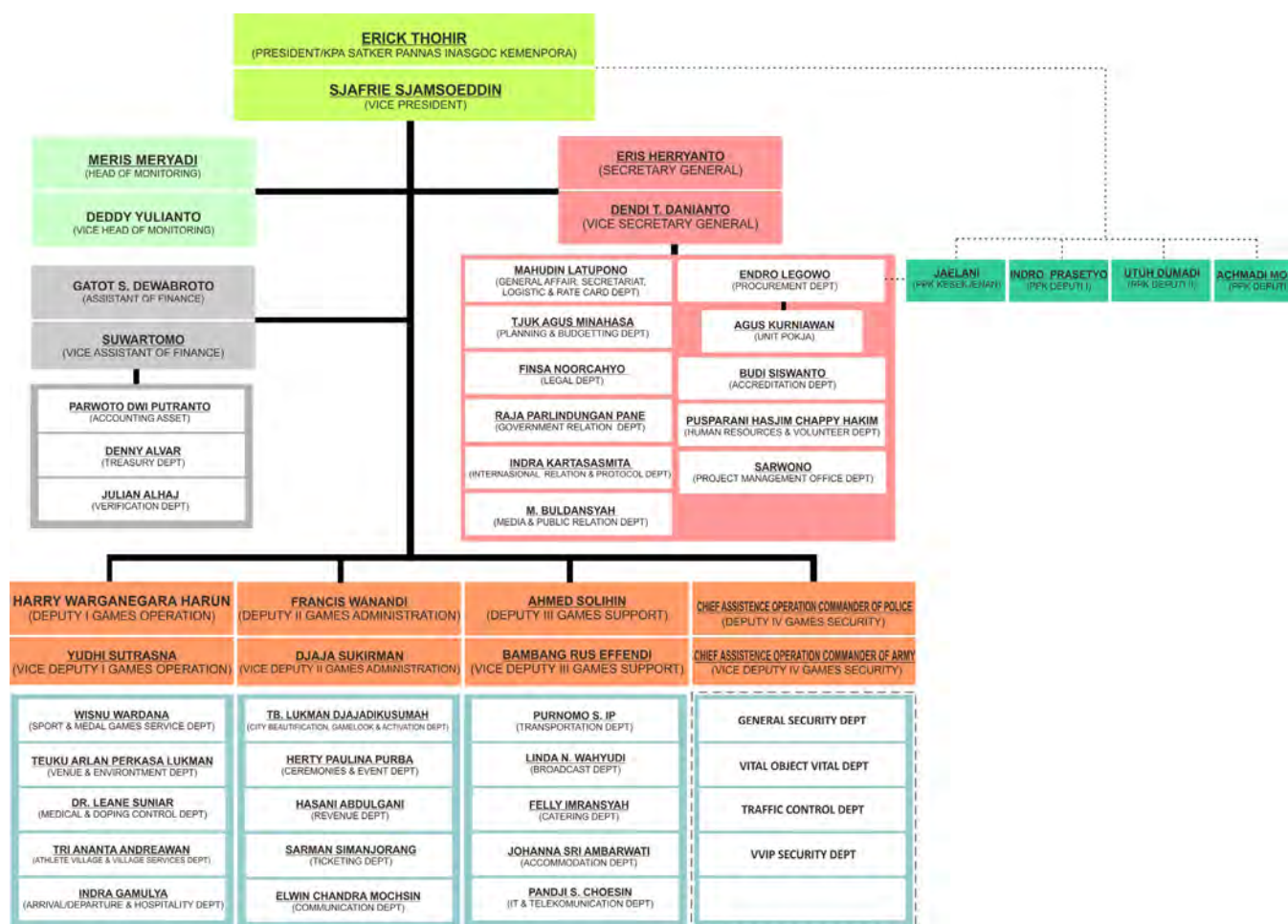
Further information regarding the role and objectives of the OCA can be sourced at their website : www.ocasia.org.

Local Organising Committee: INASGOC



INASGOC, the Indonesia Asian Games Organization Committee, is the organising committee for the 18th Asian Games Jakarta Palembang 2018, hosted in Indonesia. As the organiser of the Asian Games, INASGOC complies to OCA's regulations set forth in the cooperation contract between the Indonesian government with OCA on the host city's contract.

INASGOC Organisational Structure





International Games Broadcast Services (IGBS)



IGBS, formerly Doha Asian Games Broadcast Services (DAGBS), is a unique joint venture between HBS and IMG Media which was set up in September 2004 to provide the Host Broadcast of the 15th Asian Games Doha 2006.

IGBS presents a strong track record in major global events coverage, including the 7th Asian Winter Games Astana-Almaty 2011, the 28th SEA Games Singapore 2015, the 29th SEA Games Kuala Lumpur 2017, and provided production teams for the 16th Asian Games Guangzhou 2010 and the 17th Asian Games Incheon 2014. Furthermore, IGBS will be the Host Broadcaster of the Rugby World Cup 2019 in Japan.

The combined skills and experience of HBS and IMG Media make IGBS a genuine and unique 'turnkey' Host Broadcaster, drawing accomplished personnel and expertise from the top levels of the television industry and delivering the highest international production standards on a cost-effective basis against challenging lead times and, sometimes, in difficult environments.

HBS



HBS was originally established with the core mandate of being the Host Broadcaster (HB) for the 2002 FIFA World Cup Korea/Japan™, a mission that included producing the multilateral coverage and providing unilateral production, transmission, commentary facilities and associated services for world broadcasters.

A truly international organisation, as is its parent company Infront Sports & Media, HBS is based in Switzerland but has its planning headquarters in France (Paris/Boulogne-Billancourt). The company has evolved since its formation and built upon its unique capabilities by attracting expert personnel from the top levels of the television industry to complement the experienced staff who have honed their skills over previous sports events, such as the FIFA World Cup™.

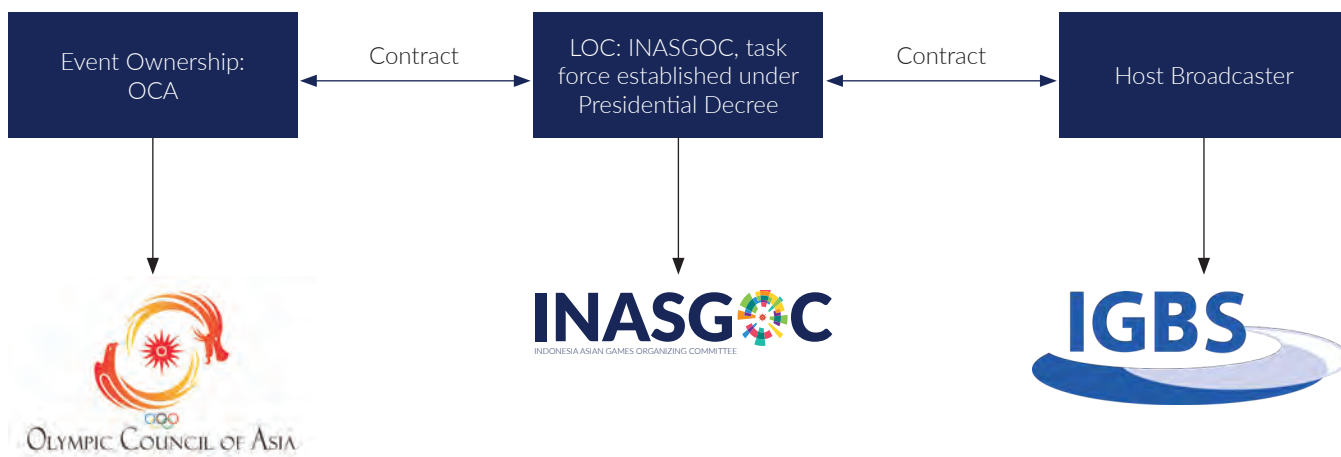
IMG



Founded in 1960 with a single deal that would prove the advent of modern-day sports marketing, IMG is now a global leader in sports, events, media and fashion, operating in more than 30 countries. The company represents and manages some of the world's greatest sports figures and fashion icons; stages hundreds of live events and branded entertainment experiences annually; and is one of the largest independent producers and distributors of sports media. IMG also specialises in sports training; league development; and marketing, media and licensing for brands, sports organisations and collegiate institutions.

In 2014, IMG was acquired by William Morris Endeavour (WME), a leading global entertainment agency, to form WME | IMG.

IGBS' Role as Host Broadcaster



IGBS' role as a HB is to deliver the highest possible standard of television and radio coverage of the Asian Games, by producing independent, impartial and objective television and radio coverage that offers fair exposure to all 45 participating countries and their competitors.

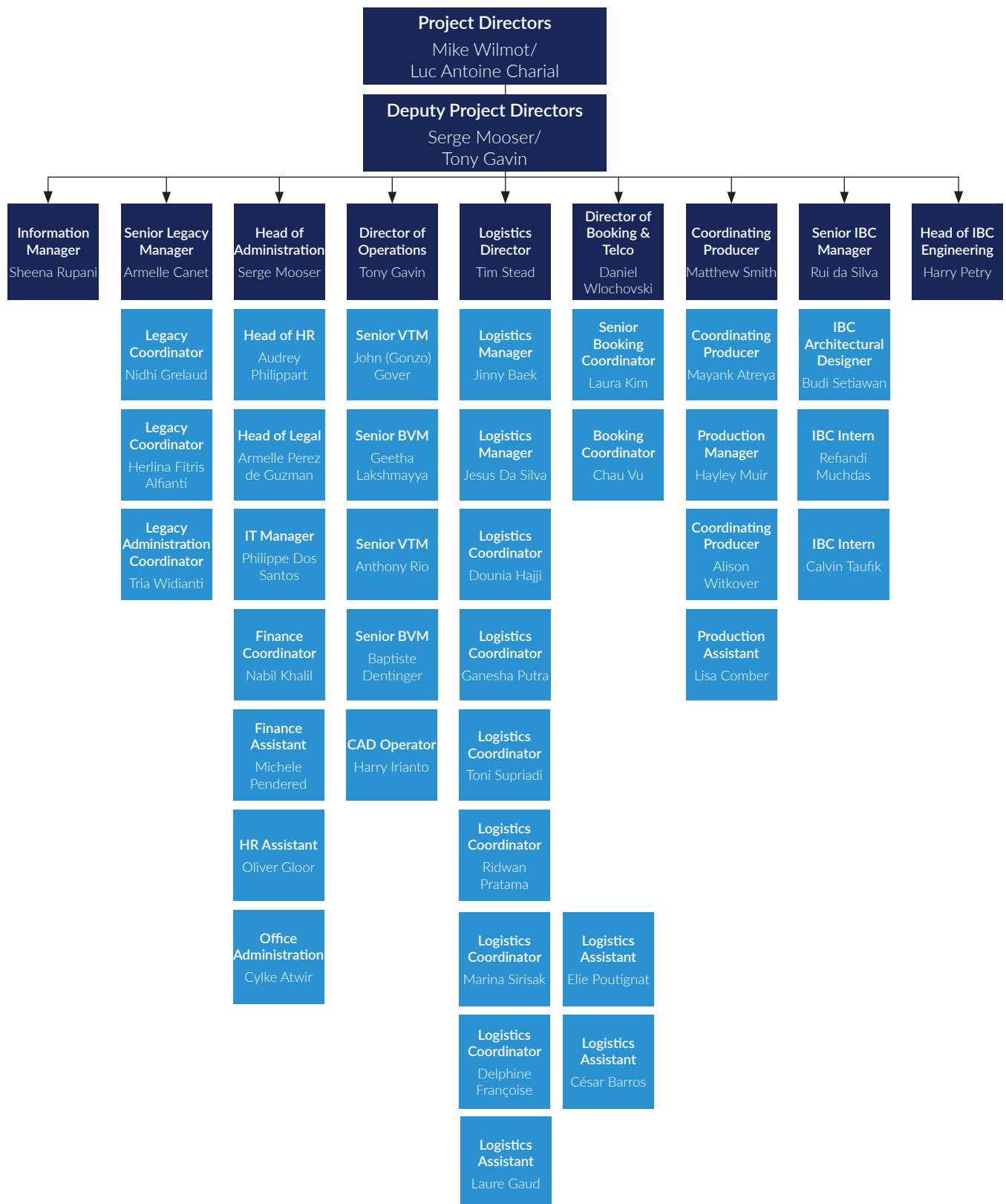
IGBS has been tasked with the full 'turnkey' host broadcasting of the event. This includes overall project management, full TV coverage of all sports, IBC design and operations and IBC-based production, broadcast venue operations, services to RHBs, relations with RHBs (Booking & Information), Logistics, Legal, Finance, HR, IT and Second Screen Application.

The coverage of the event will be implemented using internationally sourced broadcast production equipment.

Abiding by its usual best practises, IGBS has involved regional production teams to work alongside the company's core team of experts. As part of an IGBS Legacy Programme, more than 500 students from Indonesian universities or academies have been selected. The programme saw them train for different broadcast positions, before participating at the event and getting the chance to hone their skills in a multi-cultural working environment. The Legacy Programme also gave students the opportunity to take part in the Vignette Competition. The students had to create a 30-second short film to promote the 18th Asian Games Jakarta Palembang 2018. The winners worked with the IGBS Senior Producer to edit their films and have been awarded with a two-day film-making course at the National Film and Television School in London.



IGBS Organisational Structure



IGBS Key Personnel



Francis Tellier, CEO IGBS

Francis Tellier has spent more than 30 years managing radio and TV broadcast operations. Francis has been involved in host broadcasting since 1989. He was the Director in charge of General Planning and Venue Operations for the 1992 Albertville Winter Olympics. His career has included the host broadcasting of many major sporting events. He was the Managing Director of TVRS 98, the Host Broadcaster of the 1998 FIFA World Cup France™. He is now CEO of HBS, the Host Broadcaster of the 2002 FIFA World Cup Korea/Japan™, 2006 FIFA World Cup Germany™, 2010 FIFA World Cup South Africa™, 2014 FIFA World Cup Brazil™ and 2018 FIFA World Cup Russia™ as well as serving as the CEO of both DAGBS, Host Broadcaster of the 15th Asian Games Doha 2006, and IGBS, Host Broadcaster of the 7th Asian Winter Games Astana-Almaty 2011.



Graham Fry, Chairman IGBS

Graham Fry brings a wealth of experience to the world of sports media from the start of his career at the 1984 Sarajevo Winter Olympics as an Assistant Producer to being the Head of Sports Production at IMG Sports Media. He has been the Programme Editor at the 1988 Winter and Summer Olympics in Seoul and Calgary respectively. He also been the Executive Producer for 30 European Tour events, annually, the Qatar Open Tennis and BBC Snooker. Graham was also the Executive in Charge for the 2002 FIFA World Cup Korea/Japan™.



Luc Antoine Charial, Project Director

Luc Antoine Charial graduated from the Paris Dauphine Business School and joined HBS in 2000 from an audit company. He was Finance Manager for the 2002 FIFA World Cup Korea/Japan™, Director of Corporate Affairs at the 2006 FIFA World Cup Germany™, Director of Finance for the 15th Asian Games Doha 2006. He has also been the Director of Finance & Administration for the 2010 FIFA World Cup South Africa™ and 2014 FIFA World Cup Brazil™ and the Chief Financial Officer (CFO) for the 2018 FIFA World Cup Russia™. He has also held senior management roles on both the 28th SEA Games and the 29th SEA Games.



Mike Wilmot, Project Director

Mike Wilmot has worked as a Producer and Director for many sporting events including World Student Games, World Games, several Cricket Series and has been the Senior Producer for the 2002 FIFA World Cup Korea/Japan™. He was the Executive Producer at European Tour Productions for four years before becoming the Executive Producer at IMG Media. Mike was also the Project Director of 15th Asian Games Doha and the 29th SEA Games.



Serge Mooser, Head of Administration & Deputy Project Director

With a background in finance, Serge Mooser began his career at HBS in 2002 as the IBC Banker. In 2006, he was the Finance Manager for the 15th Asian Games Doha 2006. He was the Head of Finance & Administration Division for the 2010 FIFA World Cup South Africa™ and 2014 FIFA World Cup Brazil™. Serge then completed a Master's Degree in Sports Management from Johan Cruyff Institute. Thereafter, he worked as the Project Advisor at IGBS for the 18th Asian Games Jakarta Palembang 2018 and is now the Deputy Project Director.



Tony Gavin, Director of Operations & Deputy Project Director

Tony Gavin specialises in multi-sport and multi-venue events. His role for the 18th Asian Games Jakarta Palembang 2018 includes managing the venues and its operations and overseeing the broadcast infrastructure. He was the Managing Director of the Doha office for the 15th Asian Games Doha 2006. Tony was the Tournament Operations Manager for the Indian Premier League from 2008 to 2012. He was also the Head of Broadcast for the XX Commonwealth Games in 2014.



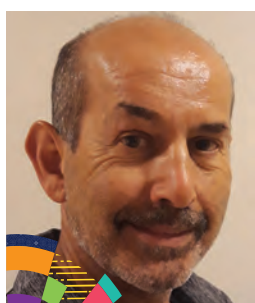
Daniel Wlochowski, Director of Booking

With a degree in engineering and strong experience in international sales, Daniel Wlochowski spent 15 years on the professional sailing circuit – primarily in charge of Media Centres for transatlantic sailing races. Daniel was in charge of Booking for the 2002 FIFA World Cup Korea/Japan™, the 2006 FIFA World Cup Germany™ and the 15th Asian Games Doha 2006. He has been the Director of Booking since 2006. Daniel was also the Project Director of the 29th SEA Games.



Lise Cosimi, Chief of External Relations

Lise Cosimi's early career took in Eurosport, TEAM Marketing and Paris Saint-Germain. In 1997 she joined the Information & Communications department of TVRS 98, the Host Broadcaster of the 1998 FIFA World Cup France™. She then worked on the 2002 FIFA World Cup Korea/Japan™, the 2006 FIFA World Cup Germany™ and the 15th Asian Games Doha 2006 as Information & Liaison Manager. For the 2010 and the 2014 FIFA World Cup™ she took the position of Head of Information & Liaison. She is the Chief of External Relations for the 2018 FIFA World Cup Russia™ and now for the 18th Asian Games Jakarta Palembang 2018.



Rui da Silva, Senior IBC Manager

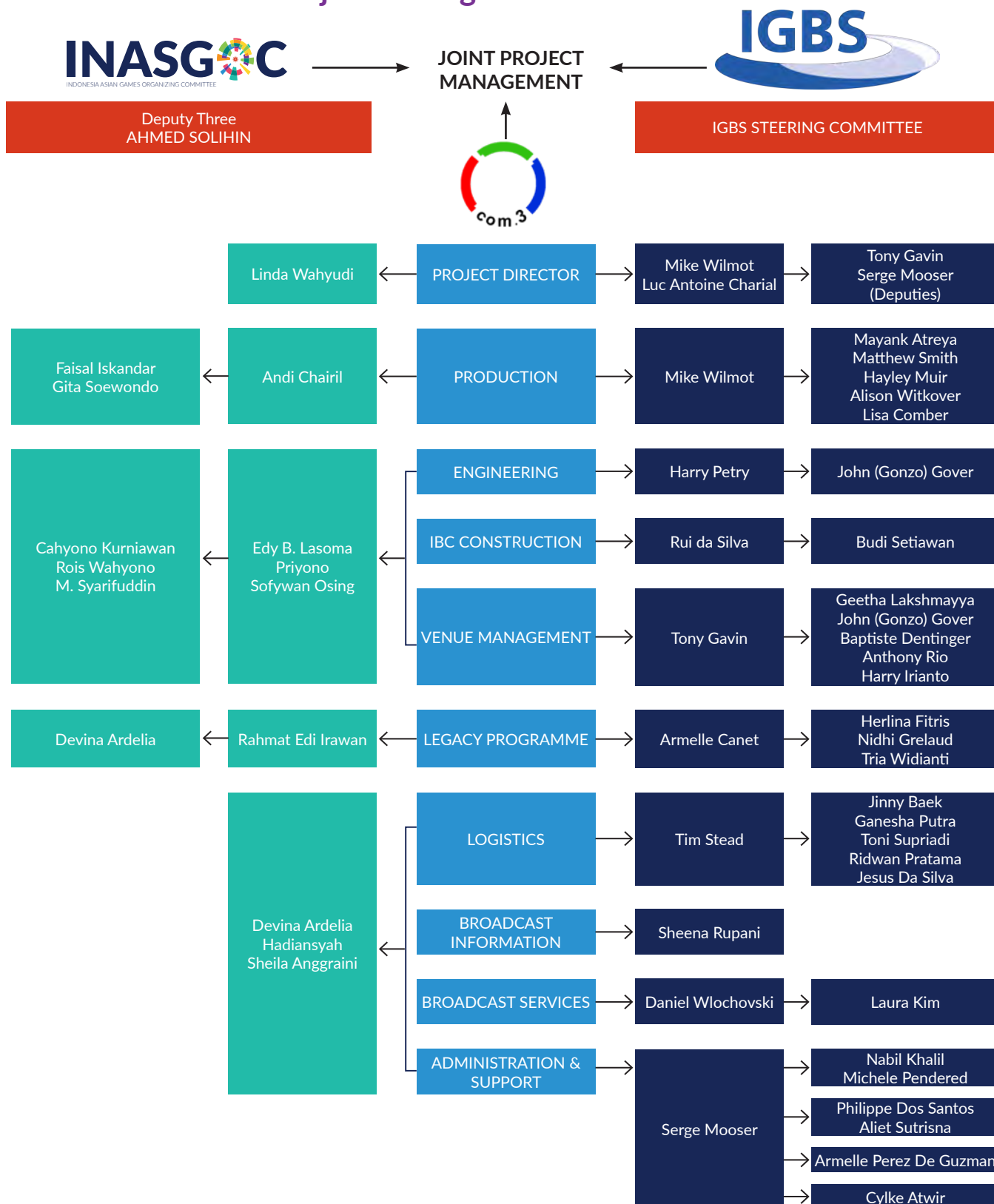
Rui da Silva was born in Africa and is the son of Portuguese parents who immigrated to Mozambique & then Zimbabwe (Rhodesia). He has a thorough love of the outdoors, enjoying sports, hunting, hiking and motorbike touring. He has worked as a Project Manager in Mozambique, Botswana, Zimbabwe & Angola on a variety of international construction projects. He was the IBC Construction manager for the 2010 FIFA World Cup South Africa™ and now for the 18th Asian Games Jakarta Palembang 2018.



Matthew Smith, Coordinating Producer

Matthew Smith began his career in sports production in 2003. Matthew worked as an Assistant Producer for the 2006 FIFA World Cup Germany™ and 15th Asian Games Doha 2006. Thereafter, he worked as a Producer and Senior Producer for the 2010 FIFA World Cup South Africa™ and the 2014 FIFA World Cup Brazil™ respectively. His main role has been producing and running the live football output for the Premier League. He is now the Coordinating Producer for the 18th Asian Games Jakarta Palembang 2018.

Asian Games Joint Project Management





CHAPTER 3 PRODUCTION



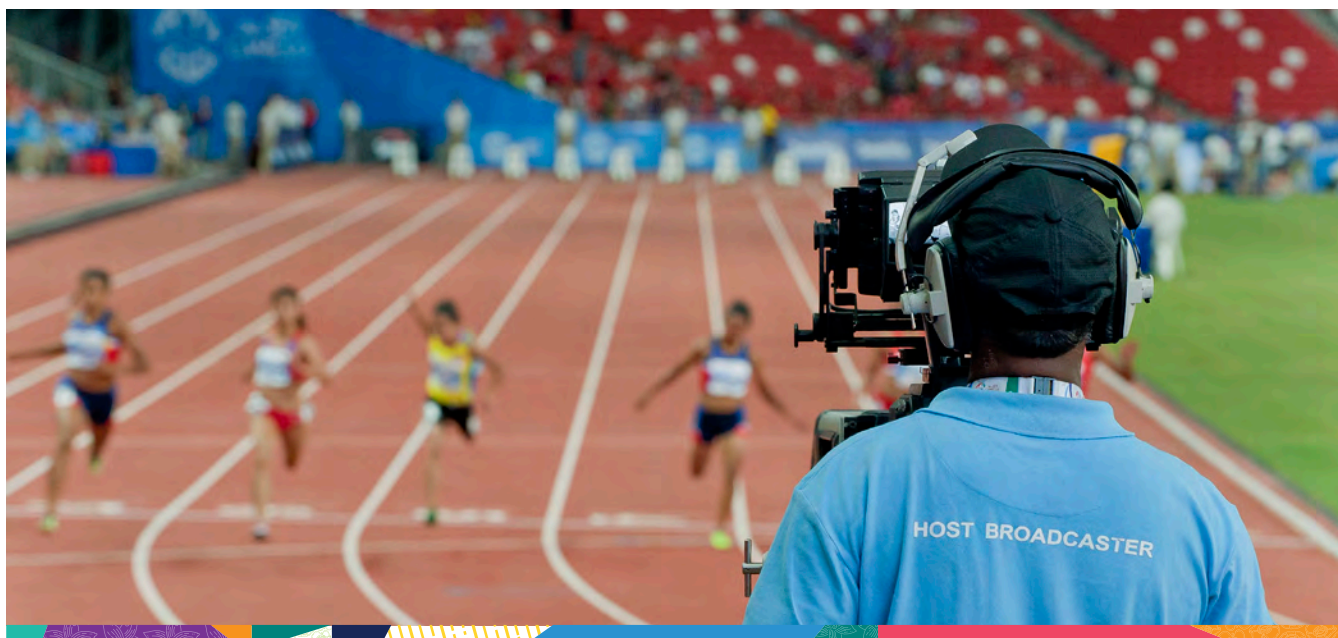




THREE PRODUCTION

The goal of IGBS as a Host Broadcaster (HB) is to deliver the highest possible standard of television coverage of the 18th Asian Games Jakarta Palembang 2018 that offers fair exposure to all participating countries and their competitors.

Production Philosophy



This Production Plan, like previous successful IGBS missions, has been designed to provide the highest level of innovative, creative and quality programming ever witnessed at the Asian Games, delivering a benchmark event in broadcast innovation. IGBS will, as always, employ state-of-the-art broadcast equipment, drawing upon the expertise of local, Asian and international production crews when revealing the drama, suspense and excitement of this event to a world-wide audience.

The IGBS production philosophy takes into account a number of parameters:

- Full coverage of all sports in both Jakarta and Palembang, delivered in HD-SDI 1080i/50 with embedded-stereo sound.
- 39 Live HD Production units varying in size from 30 cameras to 6 cameras
- 11 Electronic News Gathering (ENG) crews to cover the non-live events
- Dream Team concept: IGBS has brought together 40 production teams to produce 67 sports and disciplines, as well as the Opening and Closing Ceremonies, 28 of which are produced by Asian crews. The teams are made up of experienced producers and directors from around the world, who are specialists in their chosen sports and have put together their trusted and expert production crews.
- Production style and coverage remains balanced and objective, providing fair exposure to all 45 participating countries/regions and their competitors.
- English Guide Commentary: English is not the native language for the majority of the Rights Holding Broadcasters (RHBs) for the Asian Games; therefore, a high standard of English commentary is imperative to ensure clarity. Consequently, 31 English-speaking commentators are used.

Production Plan

Overview and Key Elements

IGBS has developed a full broadcast Production Plan for each sport selected for 'live' coverage. Each plan will cover all aspects of the HB activities for all sports and disciplines at each of the venues, including camera coverage, lenses, usage, replay configurations, schedules, standards and formats.

For ease of reference, a summary of the production plan per sport can be found in 'Chapter 8 – Sports & Venues'.

The main elements that make up the production plan are grouped within two key areas:

Production at Venues

- Basic Feed
- Comprehensive coverage plans for each sport
- Standards and format
- On-screen graphics/data and timing
- Opening sequences and transition wipe
- Transmission procedures (run ups and run downs)
- ENG coverage of "non-live" sports
- City Beauty Shots

Production at the IBC

- Daily and Overall Games Highlights shows
- Games News Updates (GNU)
- ENG coverage edited packages
- Behind the scenes daily packages

Production at Venues

Basic Feed (BF)

The HB multilateral coverage features a Basic Feed (BF) produced in HD-SDI 1080i/50. The BF provides regular coverage of all 'live' events. The exceptions are the sports covered by ENG crews that are available from the IBC in a package format.

The start time of the Basic Feed varies according to each sport. However, in most cases, for individual sports, transmission should commence five minutes before the start of competition, whilst for team sports, transmission should commence 10 minutes before the start of competition. The transmission end time for all sports is three minutes after the end of competition. An indicative transmission schedule is shown on page 33, however, a current version will be distributed during Games time.

The Basic Feed is available to RHBs at the IBC and at the venue Technical Operations Centres (TOCs), located on the venue's broadcast compound.

All media conferences at the Main Media Centre (MMC) will be covered and fed directly to the IBC for RHBs' use, with media conferences at venues covered whenever possible.



Broadcast Transmission Schedule

| LIVE / ENG | SPORT DISCIPLINE | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|------------|------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| | | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| LIVE | OPENING & CLOSING CEREMONIES | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | ATHLETICS Integrated | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| LIVE | ATHLETICS Field Vertical | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| LIVE | ATHLETICS Field Horizontal | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| LIVE | ATHLETICS Field Throws | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| LIVE | ATHLETICS Stadium beauty | | | | | | | | | | | | | | M | M | M | M | M | M | | | |
| LIVE | AQUATICS - Swimming | | | | | | | M | M | M | M | M | M | | | | | | | | | | |
| LIVE | AQUATICS - Diving | | | | | | | | | | | | | | | | | M | M | M | M | M | |
| LIVE | AQUATICS - Sync Swimming | | | | | | | | | | | | | | | | M | M | M | | | | |
| LIVE | AQUATICS - Water Polo | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | ARCHERY | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BASKETBALL - 5x5 - Basketball Hall | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BASKETBALL - 5x5 - Istora | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BADMINTON - Court One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BADMINTON - Court Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BASEBALL | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | SOFTBALL | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BASKETBALL - 3x3 | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | HOCKEY - Main pitch | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | VOLLEYBALL Indoor - Main Only | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | FENCING | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | RUGBY - 7 | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | TAEKWONDO - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | KARATE - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | JUDO - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | TAEKWONDO - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | KARATE - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | JUDO - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | WRESTLING - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | JUJITSU - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | KURASH - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | SAMBO - Mat One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | WRESTLING - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | JUJITSU - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | KURASH - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | SAMBO - Mat Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | ATHLETICS - Marathon | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | WEIGHTLIFTING | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | WUSHU | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | TABLE TENNIS - Tables One | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | TABLE TENNIS - Table Two | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | GYMNASTIC - Artistic | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | GYMNASTIC - Rhythmic | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | GYMNASTIC - Trampoline | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | BOXING | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | PENCAK SILAT | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | KABADDI | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | CYCLING - Track | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | EQUESTRIAN | | | | | | | | | | | | | | | | | | | | | | |
| LIVE | HANDBALL | | | | | | | | | | | | | | | | | | | | | | |

| LIVE / ENG | SPORT DISCIPLINE | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|------------|---------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| | | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| LIVE | CYCLING - Road Race | | | | | | | | | | | M | M | | | | | | | | | | |
| LIVE | FOOTBALL - Men | | | | • | | • | | • | • | | | | | | | • | | • | | | M | |
| LIVE | FOOTBALL - Men | | | • | • | • | • | | • | • | | | | | | | | | | | | | |
| LIVE | FOOTBALL - Men | | | • | • | • | • | | • | • | | | • | • | | | | | | | | | |
| LIVE | FOOTBALL - Men | | | • | | • | | | • | • | | | • | • | | | • | | | | | | |
| LIVE | FOOTBALL - Women | | | | | • | • | | • | • | • | • | | • | • | | | • | | | M | | |
| LIVE | BOWLING | | | | | | | | | | | • | M | • | M | • | M | | | | | | |
| LIVE | SEPAK TAKRAW | | | | | | | | • | • | • | M | • | • | M | • | M | • | • | • | M | | |
| LIVE | SHOOTING | | | | | | | | M | M | M | M | M | M | M | M | | | | | | | |
| LIVE | SPORT CLIMBING | | | | | | | | | | | | M | • | • | M | M | | | | | | |
| LIVE | SKATEBOARDING | | | | | | | | | | | | | | | | | • | M | | | | |
| LIVE | ROLLER BLADING | | | | | | | | | | | | | | | | | | | M | | | |
| LIVE | TENNIS - Court One | | | | | | | | • | • | • | • | • | M | M | | | | | | | | |
| LIVE | TENNIS - Court Two | | | | | | | | • | • | • | • | • | • | | | | | | | | | |

Key:

- Opening and Closing Ceremonies
- M Medal Round
- Live Coverage
- ENG/News type Coverage



Sports and Production Teams

The table below shows the complete list of sports with the corresponding Production Team for each sport.

| CLUSTER | LIVE / ENG | SPORT DISCIPLINE | VENUES | UNIT No. | PRODUCTION TEAMS |
|-------------|------------|------------------------------------|---------------------------|----------|-------------------------|
| JAKARTA ONE | LIVE | OPENING & CLOSING CEREMONIES | GBK Main Stadium | 1 | Simon Francis |
| | LIVE | ATHLETICS Integrated | GBK Main Stadium | 1 | IMG London |
| | LIVE | ATHLETICS Field Vertical | GBK Main Stadium | 2 | KBS |
| | LIVE | ATHLETICS Field Horizontal | GBK Main Stadium | 3 | KBS |
| | LIVE | ATHLETICS Field Throws | GBK Main Stadium | 4 | KBS |
| | LIVE | ATHLETICS Stadium beauty | GBK Main Stadium | 1 | IMG London |
| | LIVE | AQUATICS - Swimming | GBK Aquatic Center | 5 | G Force |
| | LIVE | AQUATICS - Diving | GBK Aquatic Center | | |
| | LIVE | AQUATICS - Sync Swimming | GBK Aquatic Center | | |
| | LIVE | AQUATICS - Water Polo | GBK Aquatic Center | 6 | G Force |
| | LIVE | ARCHERY | GBK Archery Field | 7 | KBS |
| | LIVE | BASKETBALL - 5x5 - Basketball Hall | GBK Basketball Hall | 8 | TV5 |
| | LIVE | BASKETBALL - 5x5 - Istora | GBK Istora | 9 | |
| | LIVE | BADMINTON - Court One | GBK Istora | 10 | MCI |
| | LIVE | BADMINTON - Court Two | GBK Istora | | |
| | LIVE | BASEBALL | GBK Baseball | 11 | KBS |
| | LIVE | SOFTBALL | GBK Softball | | |
| | LIVE | BASKETBALL - 3x3 | GBK Tennis Centre Court | 12 | TV5 |
| | LIVE | HOCKEY - Main pitch | GBK Hockey Field 1 | 13 | Astro |
| | LIVE | VOLLEYBALL Indoor - Main Only | GBK Tennis Indoor Stadium | 14 | TV5 |
| | LIVE | FENCING | JCC Cendrawasih | 15 | ABU - CCTV |
| | LIVE | RUGBY - 7 | GBK Rugby Stadium | | G Force |
| | LIVE | TAEKWONDO - Mat One | JCC Plenary Hall | 16 | Sport Channel Indonesia |
| | LIVE | KARATE - Mat One | | | |
| | LIVE | JUDO - Mat One | | | |
| | LIVE | TAEKWONDO - Mat Two | JCC Plenary Hall | 16 A | Sport Channel Indonesia |
| | LIVE | KARATE - Mat Two | | | |
| | LIVE | JUDO - Mat Two | | | |
| | LIVE | WRESTLING - Mat One | JCC Assembly Hall | 17 | Sport Channel Indonesia |
| | LIVE | JUJITSU - Mat One | | | |
| | LIVE | KURASH - Mat One | | | |
| | LIVE | SAMBO - Mat One | | | |
| | LIVE | WRESTLING - Mat Two | JCC Assembly Hall | 17 A | Sport Channel Indonesia |
| | LIVE | JUJITSU - Mat Two | | | |
| | LIVE | KURASH - Mat Two | | | |
| | LIVE | SAMBO - Mat Two | JCC Assembly Hall | 17 A | Sport Channel Indonesia |
| | LIVE | ATHLETICS - Marathon | | | |
| | LIVE | ATHLETICS - Marathon | Jakarta Roads | 27 | G Force |
| JAKARTA TWO | LIVE | WEIGHTLIFTING | JIEXPO Kemayoran A | INASGOC | INASGOC |
| | LIVE | WUSHU | JIEXPO Kemayoran B | 18 | ABU - CCTV |
| | LIVE | TABLE TENNIS - Tables One | | 19 | |
| | LIVE | TABLE TENNIS - Table Two | | | |
| | LIVE | GYMNASTIC - Artistic | JIEXPO Kemayoran D | 20 | ABU - CCTV |
| | LIVE | GYMNASTIC - Rhythmic | | | |
| | LIVE | GYMNASTIC - Trampoline | | | |
| | LIVE | BOXING | JIEXPO Kemayoran C | 21 | Astro |
| | LIVE | PENCAK SILAT | TMII Pencak Silat Hall | 22 | Sport Channel Indonesia |
| | LIVE | KABADDI | Theatre Garuda | 23 | IMG India |
| | LIVE | CYCLING - Track | Jakarta Velodrome | 24 | Astro |
| | LIVE | EQUESTRIAN | International Equestrian | 25 | Supersport SA |
| | LIVE | HANDBALL | POPKI Cibubur | 26 | Henrik Saabye |

| CLUSTER | LIVE / ENG | SPORT DISCIPLINE | VENUES | UNIT No. | PRODUCTION TEAMS |
|-------------------|------------|---------------------|-------------------------|----------|------------------|
| JAKARTA SUBURB | LIVE | CYCLING - Road Race | Subang roads | 27 | G Force |
| | LIVE | FOOTBALL - Men | Pakan Sari (Bogor) | 28 | Henrik Saabye |
| | LIVE | FOOTBALL - Men | Jalak Harupat (Bandung) | 29 | KBS |
| | LIVE | FOOTBALL - Men | Wibawa Mukti (Cikarang) | 30 | Astro |
| | LIVE | FOOTBALL - Men | Patriot (Jakarta) | 31 | IMG India |
| PALEMBANG | LIVE | FOOTBALL - Women | JSC Gelora Sriwijaya | 32 | ISP Singapore |
| | LIVE | BOWLING | JSC Bowling Center | 33 | ISP Singapore |
| | LIVE | SEPAK TAKRAW | JSC Ranau Hall | 34 | ISP Singapore |
| | LIVE | SHOOTING | JSC Shooting Range | 35 | Rogers |
| | LIVE | SPORT CLIMBING | JSC Sport Climbing | 36 | Rogers |
| | LIVE | SKATEBOARDING | JSC Skateboard Park | | |
| | LIVE | ROLLER BLADING | JSC Roller | | |
| | LIVE | TENNIS - Court One | JSC Tennis Court | 37 | Rogers |
| | LIVE | TENNIS - Court Two | JSC Tennis Court | 38 | |
| | LIVE | BEACH VOLLEYBALL | JSC Beach Volley | 39 | Rogers |



English Guide Commentary

English guide commentary is produced for 20 sports, as well as for the Opening and Closing Ceremonies. To achieve this, there are 31 commentators working across the sports which are available as Basic Feeds. These commentaries are impartial and of the international standard expected for these Games.

The major sports have English guide commentary. A list of the sports, disciplines and sessions with commentary is shown below. During the Games, an updated session-by-session list is provided.

Additional commentators have been assigned to the highlights production to voice any packages needed and to provide the linking voiceovers.

| CLUSTER | SPORT DISCIPLINE | ONSITE IBC | COMMENTATORS | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----------------|------------------------------------|------------|--------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| | | | | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| JAKARTA ONE | HIGHLIGHTS & ENG | ONSITE | Simon Reed, Jon Harris-Bass, Andy Bodfish, Mark Tomkins | | | | | | | | | | | | | | | | | | | | | | |
| | OPENING & CLOSING CEREMONIES | ONSITE | Simon Reed, Rob Hatch, Jon Harris Bass | | | | | | | | | | | | | | | | | | | | | | |
| | ATHLETICS Integrated | ONSITE | Martin Gillingham, Rob Walker, Patrick Winerton | | | | | | | | | | | | | | | | | | | | | | |
| | ATHLETICS Field Vertical | | | | | | | | | | | | | | | | | | | | | | | | |
| | ATHLETICS Field Horizontal | | | | | | | | | | | | | | | | | | | | | | | | |
| | ATHLETICS Field Throws | | | | | | | | | | | | | | | | | | | | | | | | |
| | ATHLETICS Stadium beauty | | | | | | | | | | | | | | | | | | | | | | | | |
| | AQUATICS - Swimming | ONSITE | Martin Gillingham, Drew Gordon | | | | | | | | | | | | | | | | | | | | | | |
| | AQUATICS - Diving | ONSITE | Chris Snode | | | | | | | | | | | | | | | | | | | | | | |
| | AQUATICS - Sync Swimming | | | | | | | | | | | | | | | | | | | | | | | | |
| | AQUATICS - Water Polo | | | | | | | | | | | | | | | | | | | | | | | | |
| | ARCHERY | | | | | | | | | | | | | | | | | | | | | | | | |
| | BASKETBALL - 5x5 - Basketball Hall | ONSITE | Roy Birch, Dez Corkhill | | | | | | | | | | | | | | | | | | | | | | |
| | BASKETBALL - 5x5 - Istora | ONSITE | Roy Birch, Dez Corkhill | | | | | | | | | | | | | | | | | | | | | | |
| | BADMINTON - Court One | ONSITE | Steen Pedersen, Paul Hand, Dan Strange | | | | | | | | | | | | | | | | | | | | | | |
| | BADMINTON - Court Two | ONSITE | Steen Pedersen, Paul Hand, Dan Strange | | | | | | | | | | | | | | | | | | | | | | |
| | BASEBALL | ONSITE | Darren Kilfara | | | | | | | | | | | | | | | | | | | | | | |
| | SOFTBALL | ONSITE | Darren Kilfara | | | | | | | | | | | | | | | | | | | | | | |
| | BASKETBALL - 3x3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | HOCKEY - Main pitch | | | | | | | | | | | | | | | | | | | | | | | | |
| | VOLLEYBALL Indoor - Main Only | ONSITE | Nick Halling, Clayton Lucas, David Basheer | | | | | | | | | | | | | | | | | | | | | | |
| | FENCING | | | | | | | | | | | | | | | | | | | | | | | | |
| | RUGBY - 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TAEKWONDO | | | | | | | | | | | | | | | | | | | | | | | | |
| | KARATE | ONSITE | Drew Lilley | | | | | | | | | | | | | | | | | | | | | | |
| | JUDO | | Drew Lilley | | | | | | | | | | | | | | | | | | | | | | |
| | WRESTLING | | | | | | | | | | | | | | | | | | | | | | | | |
| | JUJITSU | | | | | | | | | | | | | | | | | | | | | | | | |
| | KURASH | | | | | | | | | | | | | | | | | | | | | | | | |
| | SAMBO | | | | | | | | | | | | | | | | | | | | | | | | |
| | ATHLETICS - Marathon | ONSITE | Martin Gillingham, Rob Walker, Patrick Winerton | | | | | | | | | | | | | | | | | | | | | | |
| JAKARTA TWO | WEIGHTLIFTING | | | | | | | | | | | | | | | | | | | | | | | | |
| | WUSHU | | | | | | | | | | | | | | | | | | | | | | | | |
| | TABLE TENNIS - Tables One | ONSITE | Guy McKrea, Don Parker, Karryn Pratt | | | | | | | | | | | | | | | | | | | | | | |
| | TABLE TENNIS - Table Two | ONSITE | Guy McKrea, Don Parker, Karryn Pratt | | | | | | | | | | | | | | | | | | | | | | |
| | GYMNASTIC - Artistic | ONSITE | Steve Robilliard, Liz Chetkovich | | | | | | | | | | | | | | | | | | | | | | |
| | GYMNASTIC - Rhythmic | ONSITE | Steve Robilliard, Liz Chetkovich | | | | | | | | | | | | | | | | | | | | | | |
| | GYMNASTIC - Trampoline | ONSITE | Steve Robilliard, Liz Chetkovich | | | | | | | | | | | | | | | | | | | | | | |
| | BOXING | ONSITE | Paul Dempsey | | | | | | | | | | | | | | | | | | | | | | |
| | PENCAK SILAT | | | | | | | | | | | | | | | | | | | | | | | | |
| | KABADDI | | | | | | | | | | | | | | | | | | | | | | | | |
| JAKARTA SUBURB | CYCLING - Track | IBC | Rob Hatch | | | | | | | | | | | | | | | | | | | | | | |
| | EQUESTRIAN | | | | | | | | | | | | | | | | | | | | | | | | |
| | HANDBALL | | | | | | | | | | | | | | | | | | | | | | | | |
| | CYCLING - Road Race | IBC | Rob Hatch, Jon Harris-Bass | | | | | | | | | | | | | | | | | | | | | | |
| | FOOTBALL - Men | IBC | | | | | | | | | | | | | | | | | | | | | | | |
| PALEMBANG | FOOTBALL - Men | IBC | John Helm, Adam Virgo, Jon Driscoll, Mark Tomkins, Rob Hatch | | | | | | | | | | | | | | | | | | | | | | |
| | FOOTBALL - Men | IBC | | | | | | | | | | | | | | | | | | | | | | | |
| | FOOTBALL - Men | IBC | | | | | | | | | | | | | | | | | | | | | | | |
| | FOOTBALL - Men | IBC | | | | | | | | | | | | | | | | | | | | | | | |
| | FOOTBALL - Women | IBC | Rob Hatch, John Helm, Adam Virgo | | | | | | | | | | | | | | | | | | | | | | |
| | BOWLING | | | | | | | | | | | | | | | | | | | | | | | | |
| | SEPAK TAKRAW | | | | | | | | | | | | | | | | | | | | | | | | |
| | SHOOTING | | | | | | | | | | | | | | | | | | | | | | | | |
| | SPORT CLIMBING | | | | | | | | | | | | | | | | | | | | | | | | |
| | SKATEBOARDING | | | | | | | | | | | | | | | | | | | | | | | | |
| PALEMBANG | ROLLER BLADING | | | | | | | | | | | | | | | | | | | | | | | | |
| | TENNIS - Court One | ONSITE | Barry Millins, Arvind Parmar | | | | | | | | | | | | | | | | | | | | | | |
| | TENNIS - Court Two | | | | | | | | | | | | | | | | | | | | | | | | |
| | VOLLEYBALL - Beach | IBC | Nick Halling, Clayton Lucas, David Basheer | | | | | | | | | | | | | | | | | | | | | | |

Events with commentary

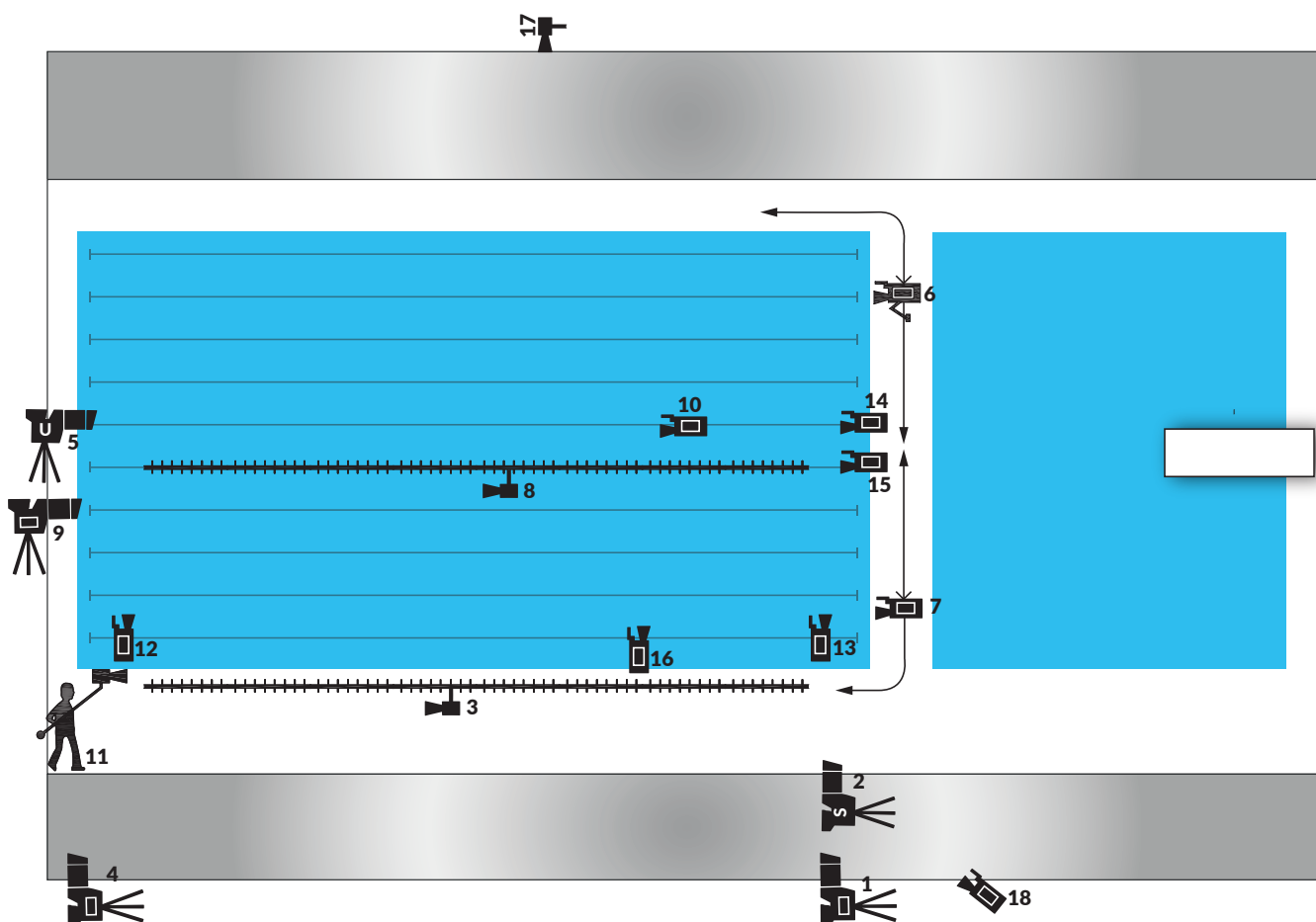
Games Info

The Games Info system are available at all commentary positions booked by RHBs and in the IBC. The feed of information includes all scoring and time data as supplied by INASGOC, as well as statistics on all the participating countries and athletes. In addition, the web-based service has a basic level of information and results.

General Multilateral Camera Placement

All sports are covered by the 6-30 multilateral camera plan and enhanced by their own venue Beauty Shot. A detailed camera plan has been developed for each of the sports and has been incorporated into the overall production plans for each sport (please refer to 'Chapter 8 – Sports & Venues' for visuals and details).

The 'Aquatics – Swimming' camera plan is included below as an example.





Standards and Formats

In order to provide the highest quality production, IGBS is covering all of the events in HD-SDI 1080i/50 with embedded-stereo sound.

| Format | Standard |
|----------------|------------------------------------------------|
| HDTV | HD-SDI 1080i/50 16/9 at 1,485 Mbps. SMPTE-292M |
| Embedded audio | SMPTE-299M (HD): SMPTE-272M (SD) |

Audio Tracks

| Audio Track | Content |
|-------------|----------------------------------|
| Track 1 | International sound – left |
| Track 2 | International sound – right |
| Track 3 | English guide commentary – clean |
| Track 4 | International sound – mono |

On-Screen Graphics

Data and Timing

The management of all timing and electronic data containing event information – such as competitor facts, start lists, results, timing and scoring services – will be done by Swiss Timing (TISSOT). The OCA's graphics advisors Bint 21, along with IGBS and TISSOT have created a graphics style that is both clear and simple for broadcast usage and easily identifiable with the Games-time 'look'.

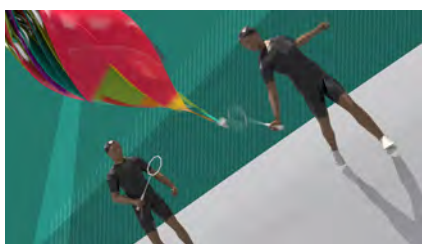
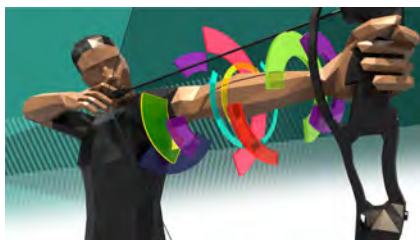
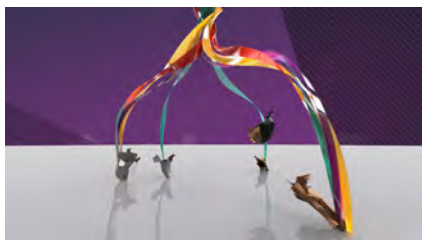
All sports have a full range of templates available for the HB production teams in keeping with the prearranged example of usage.

As requested by OCA/INASGOC, all graphics are in English, with pictograms representing each of the 67 sports/ disciplines. All live coverage graphics are inserted at the venue. All required on-screen credits are incorporated into the overall graphics 'look' of the Asian Games. Graphics for each sport are made available via the 18th Asian Games Jakarta Palembang 2018 Host Broadcast website.

On-Screen Graphics Samples



Asian Games Production Toolkit



Opening and Closing Sequences

The opening titles were designed to capture the energy of Asia and the spirit of the Games, which all ties in with the Games 'Look and Feel'. The music is one of the Games theme songs.

Replay Transition Wipe

Supplied by the OCA and common to all Asian Games, the Replay Transition Wipe is a visual means of identifying a replay sequence. Once transitioned to a sequence, any further replay angles will be dissolved before the same transition takes the viewer back to the live picture.



Sport Pictograms

The animated sport pictograms will last five seconds in duration, and will be used extensively in the highlights programmes to identify the sport due to be broadcast.





Transmission Procedures (Running Orders)

A running order for each competition session will be made available to all RHBs both in hard copy and via the Host Broadcast website. In principle, each session follows the below format:

- At least 30 minutes of venue-wide shots, with unilateral play-outs as booked
- Opening sequence
- Clear wide shots with graphics to outline the session competition
- National anthems (where appropriate)
- Team lists (where appropriate)
- Weather/Field of Play graphics (where appropriate)
- Concluding sessions that feature wide shots and graphics to indicate the timing of the next sequence
- Post-session play-out of 'unseen angles', and post-session unilateral bookings

The schedules below are examples of typical running orders. These will vary slightly per sport.

Example of a running order for an individual sport:

- Transmission anticipated to commence five minutes before the start of the competition
- Transmission anticipated to finish three minutes after the end of the last competition

Run Up -Badminton

| Start | End | Duration | Content | Graphic |
|----------|-------|----------|-------------------------------|-----------------------|
| 01:00:00 | 30:00 | 30:00 | Transmission Graphic | Transmission Schedule |
| 30:00 | 05:30 | 24:30 | Wide Shots of Venue | |
| 05:30 | 05:03 | 00:27 | Countdown Clock | |
| 05:03 | 05:00 | 00:03 | Black | |
| 05:00 | | | Start of International Signal | |

Start of International Signal - Badminton

| Start | End | Duration | Content | Graphic |
|-------|-------|----------|------------------------------|------------------------|
| 05:00 | 04:30 | 00:30 | Opening Titles Sequence | |
| 04:30 | 04:00 | 00:30 | Venue shots | Sport Title |
| 04:00 | 03:30 | 00:30 | Vignette | |
| 03:30 | 03:00 | 00:30 | General atmospheric shots | |
| 03:00 | 02:30 | 00:30 | Venue shots | Competition Start List |
| 02:30 | 00:00 | 02:30 | Shots of competitors / venue | |
| 00:00 | | | Start of Competition | |

End of International Signal - Badminton

| Start | End | Duration | Content | Graphic |
|-------|-------|----------|--------------------------------|-------------------|
| 00:00 | 01:00 | 01:00 | Celebration / atmosphere shots | |
| 01:00 | 01:30 | 00:30 | Venue shots | Event results |
| 01:30 | 02:15 | 00:45 | Highlights | |
| 02:15 | 02:30 | 00:15 | General atmospheric shots | |
| 02:30 | 03:00 | 00:30 | Closing Titles Sequence | |
| 03:00 | | | End of International Signal | |
| | | | | |
| 03:05 | 05:00 | | Venue Shots | Next Transmission |

Medal Ceremony to End Transmission

| Start | End | Duration | Content | Graphic |
|-------|-----|----------|--------------------------------|-------------------|
| | | | End of Competition | |
| | | | | |
| | | 01:00 | Celebration / atmosphere shots | |
| | | 01:00 | Highlights | |
| | | TBA | General atmospheric shots | Ceremony Advisory |
| | | TBA | Medal Ceremony | Medallists |
| | | 00:30 | General atmospheric shots | |
| | | 00:30 | Closing Titles Sequence | |
| | | | End of International Signal | |
| | | | | |
| | | 02:00 | Venue Shots | Next Transmission |



City Beauty Shots

There are six picturesque views of the skyline from the two host cities, four in Jakarta and two in Palembang. Five of these shots will be available 24/7 from 13 August with the remaining shot of the Games Cauldron available after the Opening Ceremony.



National Monument 'Monas'



Fatahillah Square (Batavia)



Gelora Bung Karno, Jakarta — day view



Gelora Bung Karno, Jakarta — night view



Ampera Bridge, Palembang



Jakabaring Sports City, Palembang

Production at the IBC

Highlights Shows

Due to time differences, highlights shows provide the main exposure for the Games in many areas of the world, and are, therefore, produced to the highest international standard by the same team that has produced the Highlights programming at the last three Asian Summer Games.

Existing live commentary from each sport is used where possible, with linking voiceovers and summaries added by an experienced, recognised English voice. Full running orders and linking scripts will be made available both in hard copy at the IBC and via the 18th Asian Games Jakarta Palembang 2018 Host Broadcast website.

All highlight programmes will:

- Have full running orders and music cue sheets
- Have full English language and international audio tracks
- Be fully cleared of all music rights for international distribution in perpetuity
- Feature other cultural activities going on around the Games

During the course of the competition, IGBS will be producing the following at the IBC:

- A one-hour Daily Highlights show of events taking place from 18 August through to 2 September. This will air at 23:00 every day and will include the highlights of the Opening and Closing Ceremonies
- A final two-hour Overall Highlights show of all the Games. This will be available on 3 September at 00:00

The audio tracks for the programming produced will be:

| Audio Track | Content |
|-------------|----------------------------------|
| Track 1 | International sound – left |
| Track 2 | International sound – right |
| Track 3 | English guide commentary – clean |
| Track 4 | International sound – mono |

Games News Updates (GNUs)

The Games News Updates are all three to five minutes in duration and have been produced monthly from February to June and weekly from July to the start of competition. During the Games, the updates are broadcast daily. They contain a summary of the day's best action allowing the RHBs a chance to update their programming and news services during the Games.

All the previous GNUs are available to download from the 18th Asian Games Jakarta Palembang 2018 Host Broadcast website.

Behind the Scenes

The team of students that have produced all of the Games News Updates until the start of the Games will be providing a daily "behind the scenes" feature that will be available to RHB's. This will be transmitted following the daily Games News Update.



Aerial Footage

There is a selection of aerial shots from Jakarta and Palembang available to download from the Host Broadcast website. These will be updated during Games time as well.

ENG Playouts

For the 21 events being covered by ENG crews there is a daily playout from the IBC at the following times to allow access to the latest available shots from that day's competition. These playouts occur each day at the following local times:

- 14:00
- 17:00
- 20:00
- 00:00





CHAPTER 4

INTERNATIONAL BROADCAST CENTRE (IBC)







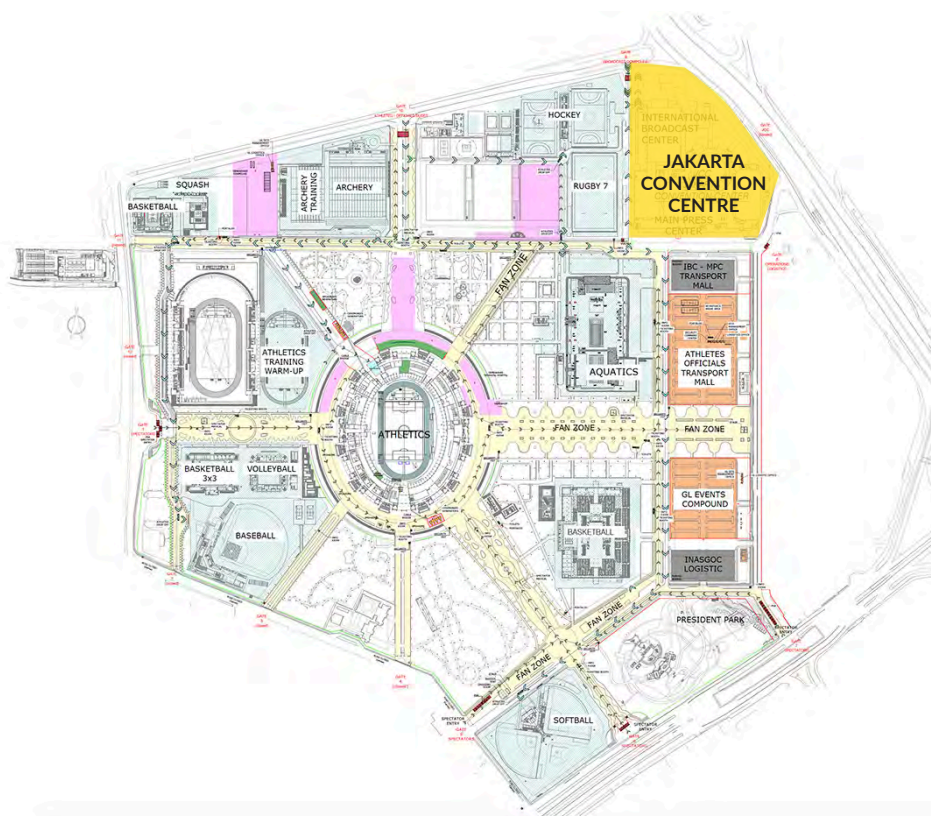
FOUR INTERNATIONAL BROADCAST CENTRE (IBC)

The International Broadcast Centre (IBC) is the centre of television and radio operations for the 18th Asian Games Jakarta Palembang 2018. Located in the Balai Sidang Jakarta Convention Centre (JCC), the IBC serves as the headquarters for the Host Broadcaster, IGBS, and the Rights Holding Broadcasters (RHBs).

Overview

The IBC and the Main Press Centre (MPC) form the Main Media Centre (MMC), which is the home to local and world media during the 18th Asian Games Jakarta Palembang 2018. The IBC houses production and broadcast facilities, including RHBs' unilateral areas and services. The MPC, which is adjacent to the IBC, contains all print media facilities and operates general shared services for all media.

Main Media Centre (MMC – IBC/MPC)

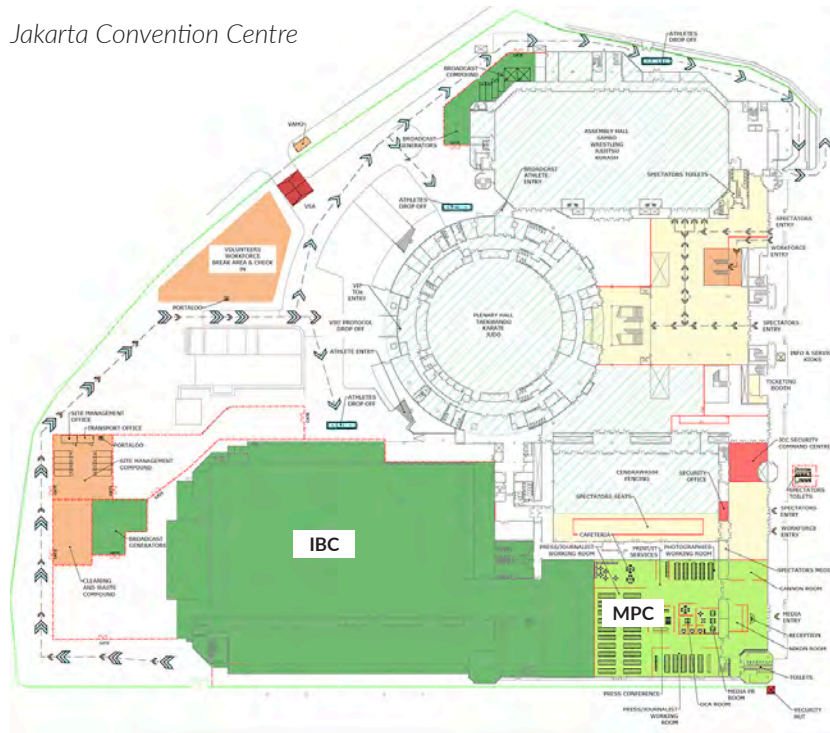


Jakarta Convention Centre (JCC)

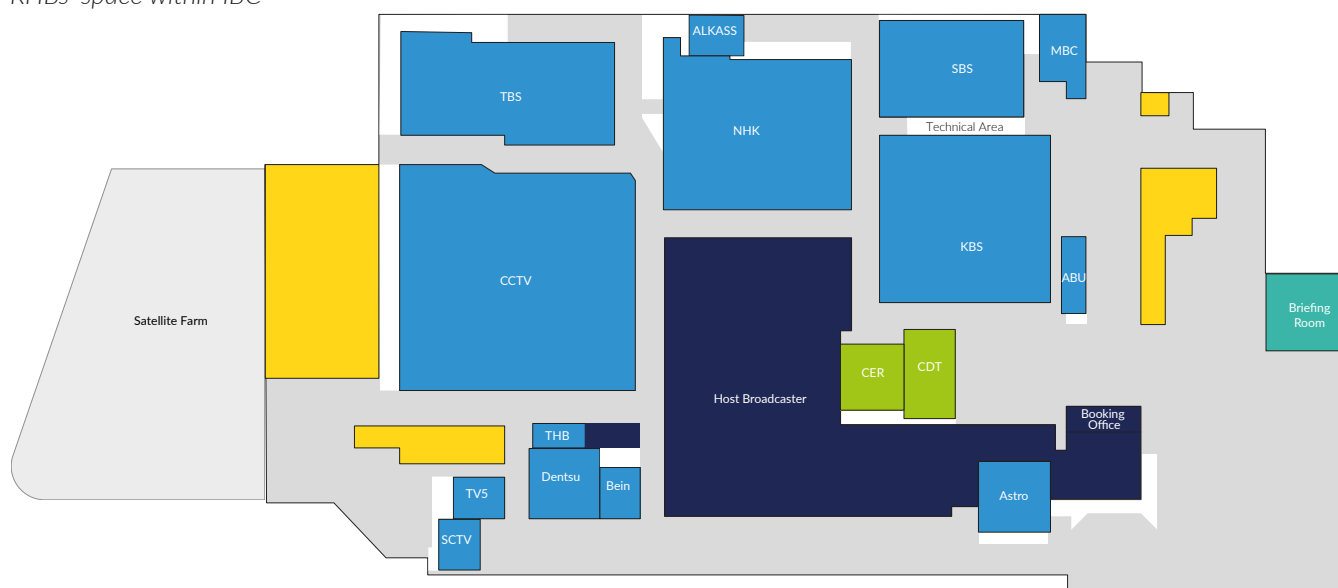
Established in 1992, the JCC has 25 years experience of hosting events for some of the world's biggest movers and shakers. Originally designed to accommodate 62 heads of state and their delegations for the 10th Non-Aligned Movement Summit in 1992, the venue has kept abreast of events and developments in communications technology, delivering many successful events of all sorts ever since. In addition to the IBC, the JCC will also host sports such as fencing, wrestling and various forms of martial arts for the 18th Asian Games Jakarta Palembang 2018.

The Balai Sidang JCC spans around 120,000 m² and comprises a round theatre-style hall (Plenary Hall), two exhibition halls (Exhibition Hall A & B), an Assembly Hall, a banqueting hall (Cendrawasih Room), a spacious main lobby and atmospheric lower lobby, VIP rooms and lounges, and 10 further meeting rooms which can be configured to match specific event requirements.

Exhibition Hall A hosts the MPC and covers 3,060 m². Exhibition Hall B hosts the IBC and spans 6,075 m².



RHBs' space within IBC



Each hall has its own 1,000 m² lobby and dedicated access points. Both halls have a ceiling height of nine metres and are directly connected via a 450 m² corridor.



An independent 6,000-space car park is located immediately in front of the facility, and a selection of mid-to high-range hotels are within walking or short driving distance.

Balai Sidang Jakarta Convention Centre

Jl. Jend. Gatot Subroto, Jakarta 10270
P.O. Box 4916, Jakarta 10049, Indonesia
Phone: +62 (21) 5726000
Fax: +62 (21) 5726523

Access Control

The MMC is a fully operational 18th Asian Games Jakarta Palembang 2018 venue; therefore, access is restricted to those in possession of a validated Accreditation Card.

All personnel, vehicles and goods are subject to security screening and an accreditation check prior to entering the MMC. Anyone not displaying the correct accreditation for the MMC will be denied entry.

IBC

The IBC is a non-competition venue which serves as the central operational, production, technical and administrative base for the broadcast operations of the 18th Asian Games Jakarta Palembang 2018. It comprises several main areas, including RHBs' unilateral space with offices, technical rooms and studios. The IGBS multilateral areas are centrally located in order to optimise technical distributions to and from the surrounding RHBs' premises.

Multilateral Areas

The IBC serves as the central operational base during the Games. It hosts several operational functions as well as being the administrative base for the HB operations. The operational areas in the IBC are as follows:

- Contribution, Distribution and Transmission Room (CDT)
- Commentary Switching Centre (CSC)
- Telco Room/Satellite Farm
- Production Quality Control
- Highlights Production Area
- Online Archive and Logging Facility
- Recording and Storage Library
- Unilateral Bookable Services
- Edit suites

The IBC facilities are accommodated inside Exhibition Hall B and part of Hall A. The IBC Satellite Farm and Technical Compound area is located in the car park on the north side of the Hall, an outdoor location with sufficient visibility and suitability for connecting the various services.

For further details regarding IBC operational functions, please refer to 'Chapter 5 – IBC Technical Facilities'.

Construction Help Desk (CHD)

In order to address issues related to the temporary constructed areas and their installations, IBC users have access to the CHD. The Construction team members assigned to the CHD receive, and register, all inputs and make sure all issues are followed up efficiently.

Information/Booking at the IBC

The Broadcast Information Office (BIO) is responsible for providing RHBs with a variety of information services, including over-the-counter information, newsletters addressing broadcast and event-related activities, flash bulletins and printed Games-time reports.

The Booking Office processes requests for unilateral services and then coordinates, manages and tracks the delivery of all booked unilateral services and facilities ensuring that they are delivered according to RHBs requirements.

Unilateral Areas

Unilateral facilities have been offered to RHBs on a Rate Card basis. Services include, without being limited to, the following items:

- RHB's unilateral spaces at the IBC. To optimise and simplify the unilateral facilities, IGBS proposed the concept of pre-designed areas distinguishing various room types. To ease communication and to ensure full transparency on expectations regarding various room types, IGBS Construction will distinguish three performance-rated room types: Office rooms, Technical rooms or TV Studios. Rooms are to meet specific performance criteria as detailed for each type of room.
- Furniture and furnishings of RHBs' spaces
- RHB Satellite Farm space, Broadcast Technical Power (BTP) supplied by INASGOC and distributed by IGBS
- Bookable facilities, installed and operated by IGBS, will be charged according to the Rate Card.

Please refer to the Rate Card for the various pre-designed areas and the full range of IBC services on offer.

Bookable Services

IGBS will provide bookable services and facilities to RHBs on a Rate Card basis. These facilities may provide — subject to sufficient demand — the following services:

- Non-linear editing facility
- Off-tube commentary booths, fully equipped and connected to the CATV
- Radio studio including control room

Other IBC Services

INASGOC is ready to provide the following services:

- Accreditation Centre
- Catering
- Daily cleaning
- Waste removal
- Mail and courier services
- Medical services
- Telecom services

As similar services will be needed for the adjacent MPC, a centralised approach for providing these services for both IBC and MPC requirements is currently being investigated by the parties concerned.

IBC Electrical Power Supply

For the operation of the IBC, three different types of electrical distributions are distinguished:

- Broadcast Technical Power (BTP)
- Broadcast Domestic Power (BDP)
- Venue Domestic Power (VDP)

Each type of electrical distribution has its own purpose of use and specific level of service and topology requirements.

Broadcast Technical Power (BTP) is feeding all broadcasting and auxiliary equipment critical for broadcast operations and is therefore required to be backed up and must be designed to be uninterruptible.



Broadcast Domestic Power (BDP) is feeding all temporary IBC facilities and its equipment, e.g. distributions feeding the general lighting, broadcast domestic sockets and all HVAC units inside temporary IBC premises, feeding all temporary IBC facilities. It is required to be backed up, and in case of an interruption, of supply must be restored within one minute.

Venue Domestic Power (VDP) is feeding all general lighting for both indoor and outer IBC space, air conditioning and/or heating of the IBC venue and any other (existing/permanent) infrastructural element of the IBC venue and its precinct requiring power supply. VDP is a fully existing supply and distribution provided at the IBC venue.

INASGOC will ensure that a sufficient BTP and BDP is delivered to the temporary main boards at the IBC from where IGBS is responsible for further distributing the supply into the temporary premises.

Air Conditioning

The existing air conditioning facilities within the JCC will provide a pleasant working environment for general office areas in customised spaces with an open ceiling structure.

Additional air conditioning supply and distribution to multi- and unilateral technical areas is provided by IGBS.

IGBS is responsible for distributing the power and air conditioning services within the IBC for its own purposes and for the establishment of facilities necessary for the RHBs and other approved users or purposes.

Additional air conditioning is provided in each room with complete ceilings including TV studios, technical and production rooms. Air conditioning is delivered either by fan coils or a split system, depending on the type and size of the room.

IBC Satellite Farm

A suitable Satellite Farm with appropriate cable trays and electrical power is offered to RHBs on a Rate Card basis, enabling them to operate their own uplink for outgoing signals, or downlink for reception of SNGs roaming in the host country. The Satellite Farm also hosts the uplink used for the distribution of the multilateral signals.

Telecommunication

The IBC will be connected to all the venues with live coverage by a protected fibre optic network provided by Telekom Indonesia.

For more details, please refer to 'Chapter 6 – Telecommunications'.

IBC Timeline

| Event | Date |
|------------------------------------------------------|---------------------|
| IBC open for RHBs | 1 August 2018 |
| IBC Official Opening | 6 August 2018 |
| Opening Ceremony | 18 August 2018 |
| Closing Ceremony | 2 September 2018 |
| RHBs departure | 3 –5 September 2018 |
| IBC venue handback and finish of the IBC dismantling | 15 September 2018 |

All dates are subject to final confirmation.





CHAPTER 5

IBC TECHNICAL FACILITIES







FIVE IBC TECHNICAL FACILITIES

The International Broadcast Centre (IBC) is the centre of broadcast operations and comprises many technical facilities, including the Contribution, Distribution and Transmission Room (CDT) and the Commentary Switching Centre (CSC).

Contribution, Distribution and Transmission Room (CDT)



The CDT room is the central distribution point within the IBC for all incoming and outgoing signals, including:

- Signal distribution of the IGBS VandA packages to Rights Holding Broadcasters (RHBs)
- Signal handling of incoming and outgoing unilateral VandAs
- Monitoring of RHBs' outgoing signals
- Distribution of multilateral feeds to the media server and highlights production

Contribution

The contribution network provided by Telkom Indonesia serves as the backbone network for video and audio, as well as other traffic to and from all venues and the IBC.

The incoming signals are connected with the central-video matrix for technical control and to the CDT monitor wall for monitoring.

Distribution

The incoming Basic Feeds plus Beauty Shots are synchronised to the HB reference. A multilateral VandA package, together with a reference signal, are distributed in HD-SDI format to the RHBs unilateral area on a rate card basis. All unilateral feeds from/to the venues are monitored and switched to/from RHBs via unilateral incoming and outgoing VandA extensions.

Transmission

The CDT monitors outgoing signals from the IBC, as well as return circuits to venues. Signals are distributed via Telkom Indonesia or to the Satellite Farm when appropriate.

Commentary Switching Centre (CSC)

The CSC controls and switches all national and international commentary and coordination circuits. From the CSC, the commentary and coordination circuits are extended to the RHB premises at the IBC.

Media Server

The media server is the central content storage, and consists of a cluster of EVS XT servers. The server has a capacity to store 1,800 hours of HD content in the high-resolution file format AVC Intra @ 100 Mbps.

Logging

All incoming Basic Feeds from the venues are ingested on the server. By using the EVS IP Director running the logging application, a team of 32 loggers log all incoming feeds against the time code. The ingest of the ENG footage is included in the logging process.

Access to Media Server

RHBs subscribing to this service are able to navigate, search and select content by using a dedicated browsing application. Selected content is transferred via a Gigabit Ethernet connection on an EVS storage device located in the unilateral premises.

The following services are offered as a rate card item:

- IBC browsing station and file delivery
- IBC browsing station and SDI delivery
- Additional IBC browsing station

ENG Operations

All non-live sports are covered by Electronic News Gathering (ENG) teams and the pre-edited material is ingested at the IBC. The content is part of the daily highlights.

Editing Facilities

For editing the daily highlights, as well as the daily ENG packages, IGBS uses six editing work stations. In order to transfer the required content onto the editing timeline, all facilities have full access to the media server.

CATV Distribution

A distribution of 40 HD-SDI channels will be available in DVB-C format at the IBC. The IEC type RF connection and 40" TV set are bookable rate-card items.



Quality Control Room (QCR)

The QCR serves as the central point for IGBS' editorial control of any audio and video content produced for the 18th Asian Games Jakarta Palembang 2018. It also serves as an observation area and a command centre for all venue productions.

Bookable Facilities

Off-Tube Commentary Booths

Two bookable off-tube booths are available at the IBC. Connected to the CSC, the booths allow for off-tube commentary directly from the IBC, without requiring additional facilities. Management of the off-tube booths, signal distribution and signal transmission is the responsibility of the CSC. This service is bookable in two-hour time slots and includes a commentary unit, a TV set connected to the CATV, connection to the CSC, and one ISDN codec operated within the CSC. Call charges are not included.

Non-Linear Edit Suite

One non-linear edit suite is available at the IBC. The editing workstation is running Adobe Premiere Pro CC and the internal HDD provides sufficient capacity. The edit suite is bookable in 30-minute time slots.

Signal Standards

HD-SDI

- 1,485 Mbps, 1080i/50 (SMPTE-292M)
- Up to four audio channels (as two AES/EBU stereo channels in Group 1, SMPTE-299M)

Sub-IBC (Palembang)

A sub-IBC is located in Palembang, gathering all signals from the Palembang venues, and in charge of technical control, recording and routing them to the main IBC in Jakarta.

Cabling

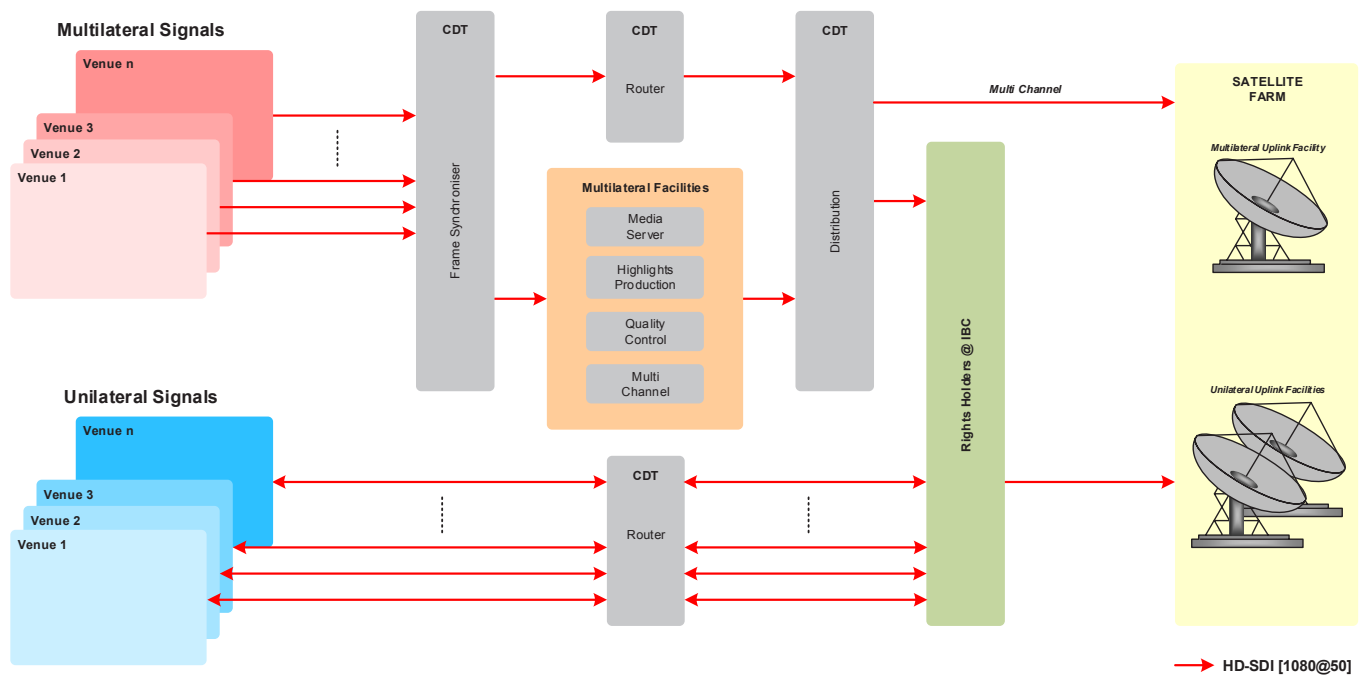
Unilateral Incoming VandA Extension

An incoming unilateral VandA extension from the CDT to the RHBs' unilateral areas allows a connection to one unilateral incoming signal. This extension circuit is switched once per day. This service is available in HD-SDI (1080i/50).

Signal Handover

- As a standard, all multilateral and unilateral feeds are handed over in the RHB premises per video cable terminated with a BNC connector.
- For audio cabling between the CER and the unilateral areas, analogue 10-pair audio cables are used that are terminated with XLR connectors.

IBC Technical Facilities Diagram





CHAPTER 6

TELECOMMUNICATIONS







SIX TELECOMMUNICATIONS

Telkom Indonesia is the telecommunications partner of the 18th Asian Games Jakarta Palembang 2018. As part of its responsibility for broadcast telecommunications services, Telkom Indonesia will oversee implementation of the telecommunications infrastructure for the event.



Broadcast Circuits

Telecommunication Infrastructure between Venues and the IBC

Basic Feeds from all venues with live coverage will be routed to the IBC by Telkom Indonesia through dedicated redundant circuits, using their existing terrestrial infrastructure. Different fibre optics modes will be used, such as Dense Wavelength Division Multiplexing (DWDM), Wave Division Multiplexing (WDM) or dark fibre. Telkom Indonesia will operate the encoding at both the transmission and receiving ends of the circuits, collecting and delivering signals as HD SDI 1080i/50 feeds.

Demarcation points for Telkom Indonesia will be the Racks Room at the venues and the Central Equipment Room (CER) at the IBC, where the signals will be monitored and distributed through IGBS equipment.

Basic Feeds from Palembang venues cluster will be controlled remotely from the IBC in Jakarta. The Palembang sub-IBC will be a monitoring and an insertion point.

Unilateral Circuits between Venues and the IBC

The fibre capacity deployed by Telkom Indonesia will also enable to provide unilateral Video and Audio (VandA) circuits between the venues and the IBC for RHBs, either for contribution (venue to IBC), or for return (IBC to venue) feeds. These circuits will be available on a Rate Card basis for the entire period of the venue active period, subject to RHBs placing their request by the booking deadline and to confirmation of feasibility.

Signal format at collection and delivery points will be the same as for multilateral circuits, i.e. HD SDI 1080i/50.

Ethernet-based point-to-point circuits, such as 100 Mbps and 1 Gbps Ethernet (GEth) will also be available between venues and IBC, under the conditions than VandA circuits described above.

Both VandA and Ethernet unilateral services are listed in the second edition of the IGBS Rate Card, issued in March 2018.

Commentary/Coordination Circuits

IGBS will also use the Telkom Indonesia fibre infrastructure to route the commentary and coordination circuits between the venues (CCR) and the IBC (CSC), where the signal will be distributed to the RHBs' unilateral spaces. IGBS may operate a limited number of codecs at the IBC to turnaround these audio circuits to RHBs' home countries, through ISDN or IP-based protocols.

Telephony Services

Telkom Indonesia is expected to provide standard telephony services in dedicated positions at the venues as well as at the IBC. The range of services should include:

- Standard telephone line with handset for domestic calls
- Standard telephone line with handset for international calls
- Dedicated Internet connectivity, 1 to 100 Mbps

IGBS is not involved in the marketing of these services. Details on the procedures for booking these services will be communicated in a separate document.



CHAPTER 7

VENUE OPERATIONS







SEVEN VENUE OPERATIONS

During the 18th Asian Games Jakarta Palembang 2018, the IGBS Venue Operations department manages and coordinates broadcast facilities and operations at more than 40 existing, newly constructed and refurbished venues to cater for the specific requirements of the 40 sports.

IGBS at Venues

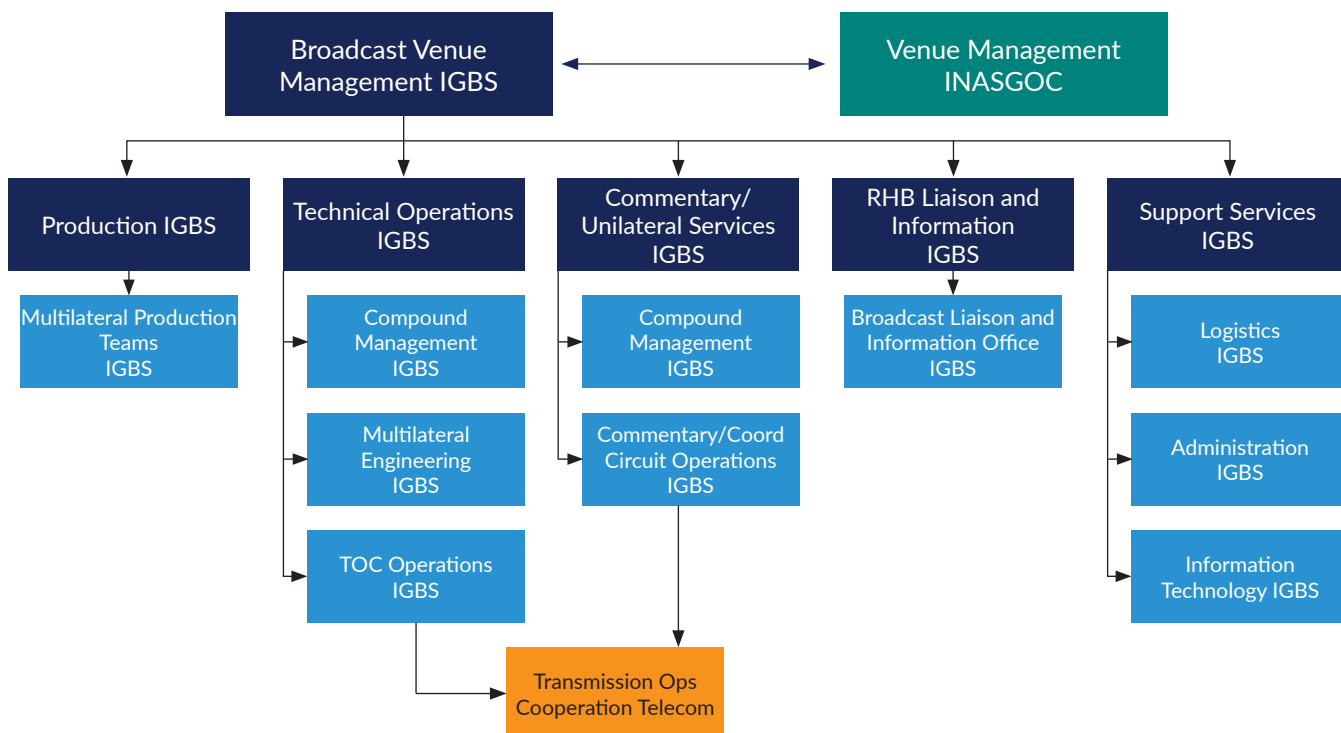
In order to provide optimal conditions for both multilateral and unilateral operations, Venue Operations teams are assigned to each venue where live production is delivered by IGBS. Teams are organised by key operational responsibilities and are based either at one fixed venue or work between multiple venues.

Teams report to the Broadcast Venue Managers (BVMs), who have the overall responsibility for all broadcast activities and personnel at the venues. Together with their Venue Operations teams, the BVMs manage technical installations for multilateral and unilateral broadcast facilities and monitor and assist Rights Holding Broadcasters (RHBs) upon their arrival, during their operations and at their departure.



The main contact point for RHBs at the venues is the Broadcast Liaison and Information Office (BLIO), located in the Broadcast Compound or in the commentary area at smaller, selected venues. The BLIO teams will provide over-the-counter information to RHBs and will liaise with INASGOC to ensure that RHBs receive the same information as other members of the media. As there are no Booking Offices at the venues, Broadcast Liaison and Information Managers (BLIMs) act as a relay with the IBC Booking Office. Their main responsibility is to assist RHBs in the delivery of the services they have booked.

IGBS Venue Organisation



The venue teams include the following key positions:

Broadcast Venue Manager (BVM)

The BVM is responsible for the overall operation and coordination of all broadcast related activities at the venue and communication between venue teams.

Venue Technical Manager (VTM)

The VTM supervises and coordinates the overall implementation and set-up of technical facilities and operations for both the multilateral and unilateral production feeds at the venue, including the Technical Operations Centre (TOC) and commentary services. He/she is also responsible for all technical crews.

Commentary/Unilateral Services Manager

The Commentary/Unilateral Services Manager is responsible for the installation, operation and maintenance of all unilateral services at the venue. He/she is also directly responsible for the venue commentary systems.

Broadcast Liaison and Information Manager (BLIM)

The BLIM is responsible for the management of the Broadcast Liaison and Information Office (BLIO). He/she manages over-the-counter information from the BLIO and provides assistance and coordination of unilateral services and facilities to RHBs.

IGBS Venue Facilities

In order to produce, coordinate and distribute the Basic Feed and manage the unilateral requirements of RHBs, IGBS will operate key facilities at each venue as detailed below.

Broadcast Compound

The Broadcast Compound contains all the production and technical facilities required to produce the Basic Feed and unilateral feeds. Amongst the key areas located within the Broadcast Compound are the Technical Operations Centre (TOC), IGBS broadcast management offices, the BLIO, as well as bookable space for RHB' facilities.



Compounds are situated as close as possible to the venues and broadcast areas in order to keep cable runs and personnel access as simple and efficient as possible. For some precincts with several competition venues in the same area, IGBS has based its plan around one single compound.

Commentary Control Room (CCR)

The Commentary Control Room (CCR) is the main interface between all HB supplied commentary units on site and the required circuits for transmission. The CCR is linked with its respective counterpart at the IBC, the Commentary Switching Centre (CSC). Interconnections between the venues and the IBC is established via a digital audio matrix at both ends, with protected trunk lines provided by Telkom Indonesia.

The CCR also includes the Commentary Control Unit (CCU) which monitors and controls the commentary units that are connected to it. All required audio codecs and related telecommunication equipment is contained in this area. In smaller venues, IGBS installs all necessary commentary equipment in the commentary tribune.

Technical Operations Centre (TOC)

The TOC is the transmission hub for all video and audio circuits generated at the venue or received from the IBC. All multilateral and unilateral VandAs must pass through the TOC before being transported via Telkom Indonesia's telecom network to the IBC or, according to bookings, to RHB production facilities in the compound. The TOC is the termination point for all Vanda circuits to/from the IBC and serves as a distribution point and a final quality control centre for signals.

The basic functions of the TOC are:

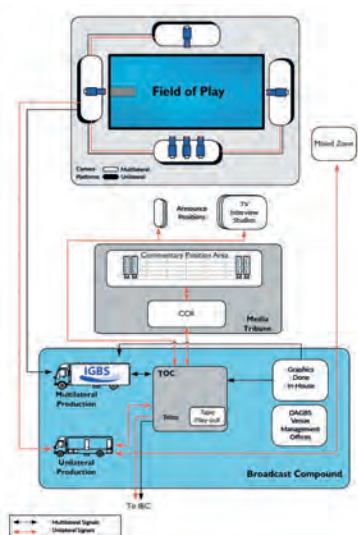
- To receive the relevant feeds from the multilateral production facility and transmit them to the CDT at the IBC
- To distribute the feeds to RHB at the venue, according to booking requests
- To receive unilateral Vanda signals from the RHB at the venue and transmit them to the CDT at the IBC
- To receive unilateral Vanda signals from the IBC at the venue for onward distribution to RHB (according to booking requests)

Not all venues need a fully-fledged TOC. In such cases, IGBS uses a dedicated installation within the multilateral production facility to control and handle all unilateral circuits.

Cabling and Connecting to the TOC

Venue cabling is not be allowed on competition days.

On competition days, RHB facilities must be connected to the TOC at least two hours before the start of competition. In order not to disrupt ongoing operations, disconnection and dismantling of unilateral cabling is only permitted from 30 minutes after the end of transmission.



Standards and Formats

Host Broadcast Standards

Video: HDTV: HD-SDI 1080i/50 16/9 at 1,485 Mbps. SMPTE-292M.

Audio: Embedded audio: SMPTE-299M (HD)/ SMPTE-272M (SD)

Audio Tracks

| Audio Track | Content |
|-------------|-------------------------------------------------|
| Track 1 | International sound – left |
| Track 2 | International sound – right |
| Track 3 | English guide commentary – clean |
| Track 4 | Full Mono Mix – Commentary and International FX |

Power Supply

There are two types of power supply at the venue – Broadcast Domestic Power (BDP) and Broadcast Technical Power (BTP). BDP is used for support services such as offices, common areas and containers, whilst BTP is used for all broadcast equipment. Both power types are distributed separately.

The power supply standard for both BDP and BTP at venues is 230 V single phase/50 Hz. Connection to BTP without IGBS approval is prohibited.

IGBS supervises the connection of all RHBs' BTP requirements to the power supply within the Broadcast Compound and unilateral areas within the venue.

Unilateral Services and Facilities

IGBS coordinates unilateral services for RHBs at the venues. As there are no Booking Offices at venues, any booking of unilateral services and facilities must be done either prior to the 18th Asian Games Jakarta Palembang 2018 or at the IBC Booking Office. IGBS BLIM will, however, assist RHBs in liaising with the IBC Booking Office.

Unilateral venue services and facilities are available in limited quantities and subject to arbitration in the case of conflicting orders. To ensure optimal use of facilities, 'no-show' penalties may apply.

Commentary Services

Commentary Positions

A fully equipped commentary position, equipped by IGBS can be used for either TV or radio commentary. Each position is equipped with the following facilities:

- A desk with three chairs
- A TV set showing the Basic Feed from the local venue
- A laptop connected to the venue intranet providing Games Info Service
- A commentary unit with two microphones/headsets
- Power

During high demand events (list to be confirmed), RHBs may need to obtain a ticket from the IBC Booking Office to access this area.

TV commentary units receive Television International Sound (TVIS), whilst Radio International Sound (RIS) is available on request for radio commentary.



IGBS uses a Commentary Switching Matrix (CSM) to switch all commentary and coordination circuits. This fully redundant technology provides access and better quality to RHBs, whilst enabling uninterrupted system monitoring. Overall commentary functionalities remain unchanged for the RHB.

If a RHB has supplied their own commentary equipment, connection should be made directly to their unilateral production area at the venue. This connection is not to be routed via the IGBS commentary matrix.

Venue to IBC

RHBs who have booked a fully equipped commentary position are provided with a commentary circuit to the IBC and a return circuit. A coordination 4-wire circuit to the IBC is provided on request.

Venue to Home Country

RHBs wishing to send commentary back to their home country directly from the venues also have their needs managed by IGBS personnel. IGBS can organise the turnaround of commentary circuits via Codecs located at the IBC.

Commentary Unit (CU)

IGBS operates commentary services using the HBS Lawo commentary equipment. The CU provides communication capabilities between the commentator and their unilateral studio and with the CCR operator. It also allows for the monitoring of the TVIS or RIS and public address system. The CU is equipped with two headsets with two sets of identical controls as well as an additional input which can be used for an additional audio source or third microphone/headset.

Commentator – Games Info

Commentators will be able to access information via the internet-based Games Info service. Terminals will be available at all commentary positions by RHBs and at the IBC.

Mixed Zone (MZ)

The Mixed Zone is the area which usually leads off the Field of Play (FOP), where athletes must pass after competition. The broadcast and print media have the opportunity to conduct 'short' interviews with athletes in this area immediately after competition. Each venue has a Mixed Zone with a dedicated area reserved for TV and Radio with sufficient lighting to conduct TV interviews. The IGBS BLIMs supervise the positions in the broadcast area of the Mixed Zone.

There are two Mixed Zone options available to RHBs:

- A permanent (dedicated) Mixed Zone position. For RHBs who booked the position, this service permits live unilateral transmission or ENG recording provided RHBs supply their own equipment and crew – IGBS does not offer technical equipment or crew. Cabling must be completed with prior approval and in accordance with directions given by IGBS staff. The booking deadline for this service has passed.
- Mixed Zone interview positions – per session.

Please refer to the section 'Venue Bookable Facilities' for further details.

During high demand events (list to be confirmed), RHBs may need to obtain a ticket from the IBC Booking Office to access this area.

Camera Positions

For RHBs who have chosen to personalise their coverage, IGBS offers two types of bookable camera positions:

- A permanent unilateral camera position booked for the duration of the venue's competition programme. For RHBs who booked accordingly, platforms are constructed by INASGOC depending on the final requirements from RHBs at each venue. These positions can be used for either live unilateral cameras or for ENG cameras. RHBs are permitted to install and cable their own equipment whilst following cabling instructions from IGBS staff.
- ENG camera positions.

Please refer to the section 'Venue Bookable Facilities' for further details. For high demand events a ticket may also be required.

To access FOP unilateral camera positions, RHBs will need to wear a bib or other defined Supplementary Access Device (SAD).

Venue Broadcast Compound Facilities

The venue Broadcast Compound serves as a central point for production, signal distribution and other technical activities at the venue. For RHBs who booked accordingly, the following were made available for the installation of unilateral production facilities in the Broadcast Compound:

- Compound space for OB vans
- Fly-away kits
- Parking space for support vehicles
- Office space
- Isolated feeds

Venue Bookable Facilities

To ensure availability of facilities and management of services, facilities below need to be booked 48 hours in advance of delivery of service, i.e. Day 2 by 18:00.

Announce Positions

The Announce Position provides RHBs with a 'stand-up' opportunity for interviews (subject to INASGOC approval), programme introduction or summary. Positions offer a suitable backdrop of the venue and where possible are located adjacent to the FOP.

There are two Announce Position options available to RHBs:

- **Fully Equipped Announce Position:** This service includes a camera, a microphone, necessary lighting and crew to operate these facilities. This fully equipped position is bookable in 10 minute time slots with the signal routed on the Basic Feed. There will be in general a minimum of three time slots available, the last one ending approximately 15 minutes before the start of the competition.
- **Non-Equipped Announce Position:** This position which is suitable for ENG stand-ups or using RHBs' own equipment, includes necessary lighting and is accessible for to up to three people. This non-equipped position is bookable per session.

To access FOP Announce Positions, RHBs will need to be wearing a bib or other defined SAD.

Mixed Zone Interview Positions – Per Session

RHBs will be able to conduct brief interviews with athletes at the end of competition in the 'Broadcast' area of the Mixed Zone. These positions are bookable per session at each venue and are free of charge. They are suitable for ENG/non-live interviews.

During high demand events (list to be confirmed), RHBs may need to obtain a ticket from the IBC Booking Office to access this area.

ENG Camera Positions

ENG camera positions are available at each venue for RHBs who have chosen to personalise their coverage. They are bookable per session, per venue and are free of charge.

Venue Play-Out Facilities

An injection point will be located in the TOC. It is available to RHBs on a bookable basis in 10 minute time slots. Included in this service is coordination and transmission to the IBC Contribution, Distribution and Transmission (CDT) room. This service is available on competition days only, and only outside of session times. For a play-out during session times, a separate time slot VandA will need to be booked.



Other Media Facilities

Observer Seats

A number of Observer Seats (usually located within the media tribune) will be available at each venue located near the commentary positions. During high demand events, RHBs may need to obtain a ticket from the IBC Booking Office to access this area.

Vehicle Access Parking Passes (VAPPs)

Limited media parking will be available. Vehicle Access Parking Passes (VAPPs) are required for all vehicles parking in designated media parking at venues. VAPPs will be distributed from the IBC Booking Office. Public parking will also be available at venues.

Access

Broadcast Venue Access

The Broadcast Compound will open to RHBs three days before the first day of live transmission at the venue. RHBs should contact the Booking Office to coordinate unilateral installations and visits at venues.

In general, the operational times of the broadcast compound and IGBS staff will be from:

- **Non-Competition Days:** 08:00 to 20:00
- **Competition Days (Live Transmission):** Three hours before the start of the first session of competition until two hours after the end of the last session of competition.

Broadcast Compound Vehicle Access

Vehicle access to the Broadcast Compound will only be possible during the above hours of operation with the appropriate VAPP and after making the appropriate booking. Vehicles can only exit the compound from one hour after the end of competition. All vehicle movement will need to be confirmed and coordinated with Booking in advance.

Broadcast Compound Deliveries

Prior notice of delivery will need to be given at least 24 hours in advance. Deliveries at venues will be conducted withing the hours of 22:00 and 7:00 on competition days (unless there is an emergency).

Supplementary Access Devices (SADs)

In addition to the accreditation badge that allows access to the venues, a SAD will be required for entry into specific areas and/or unilateral facilities on competition days and during high demand events. SADs will be distributed to RHBs from the IBC Booking Office according to bookings.

Other Media Areas

Venue Media Centres (VMC)

INASGOC will provide VMCs at competition venues during the event. Each VMC will fall under the guidance of the Venue Media Manager.

At venues, media can interview athletes and coaches in a formal setting during the media conferences. The Media Conference Room is located close to the VMC. Media conferences are currently planned to be scheduled after every medal ceremony.

Venue Transport

INASGOC are currently planning to provide dedicated media shuttles from the Main Media Centre (MMC) bus plaza to and from venue media load zones.





CHAPTER 8

SPORTS AND VENUES







EIGHT SPORTS AND VENUES

The 18th Asian Games Jakarta Palembang 2018 will include 462 events in 40 sports and 67 disciplines. Over 40 sports facilities, spread across four venue clusters between the two Host Cities, will be used as competition venues over the duration of the event.

Sports & Venues Overview

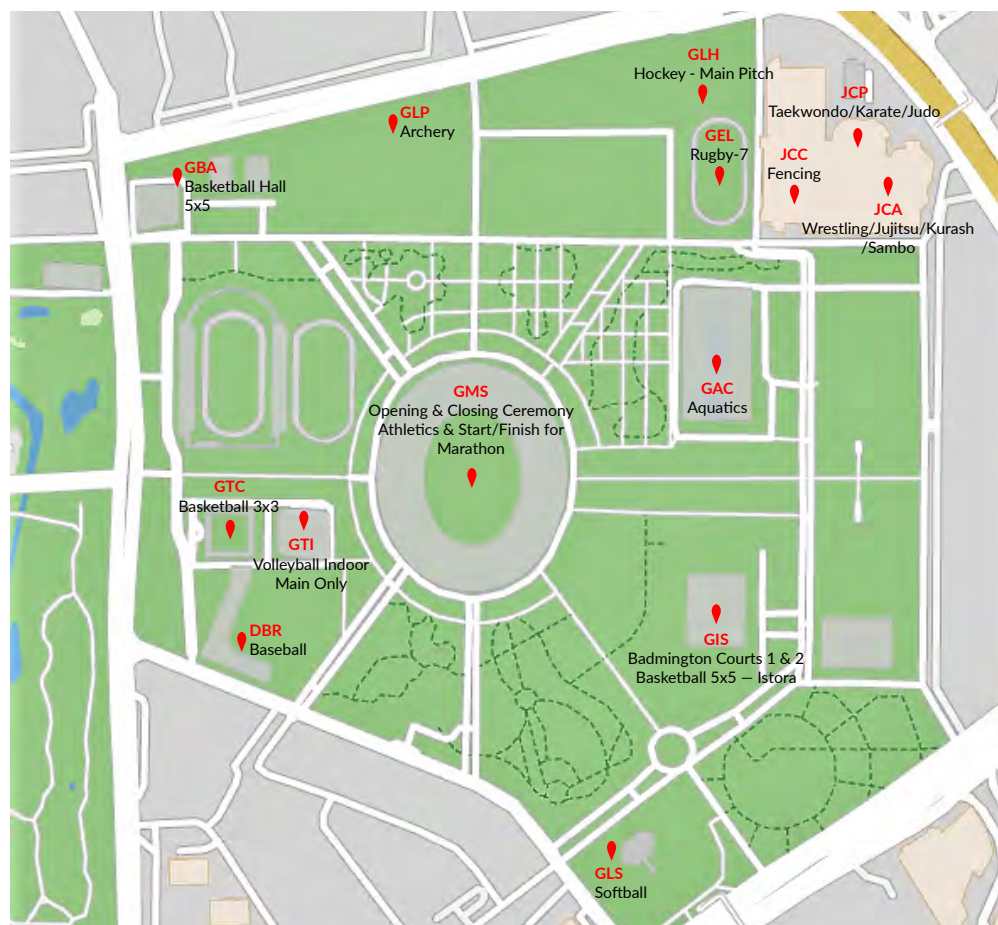


IGBS has developed full production plans for all sports selected to have live coverage. The plans outline the schedules, cameras, lenses, positions and usage.

A description of each sport, competition schedule and summary production plan for each sport covered live at the 18th Asian Games Jakarta Palembang 2018 is included within this chapter.

Venues

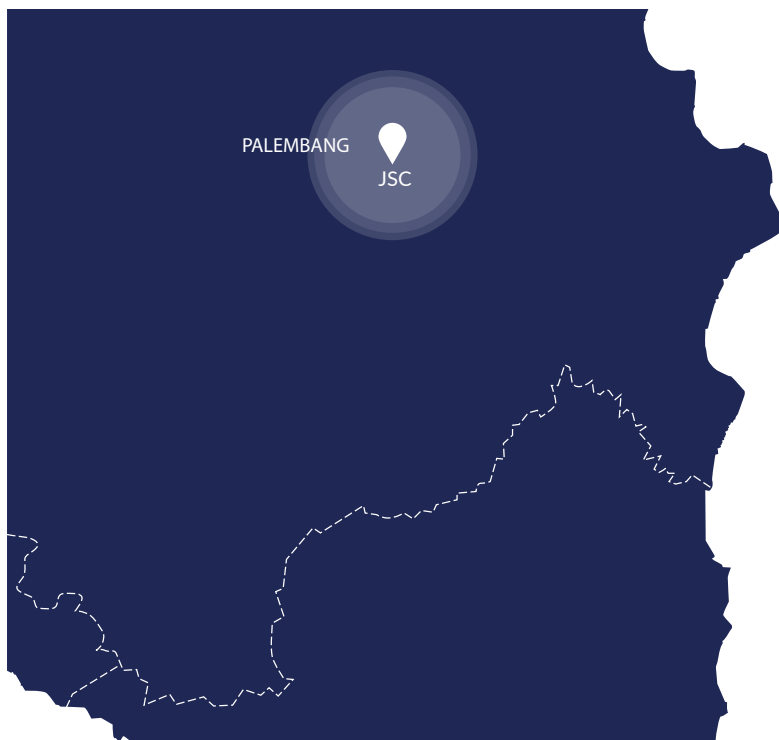
Jakarta





18th ASIAN GAMES
**Jakarta
Palembang
2018**

Palembang



CEREMONIES

Dates: 18 August (Opening Ceremony)/2 September (Closing Ceremony)

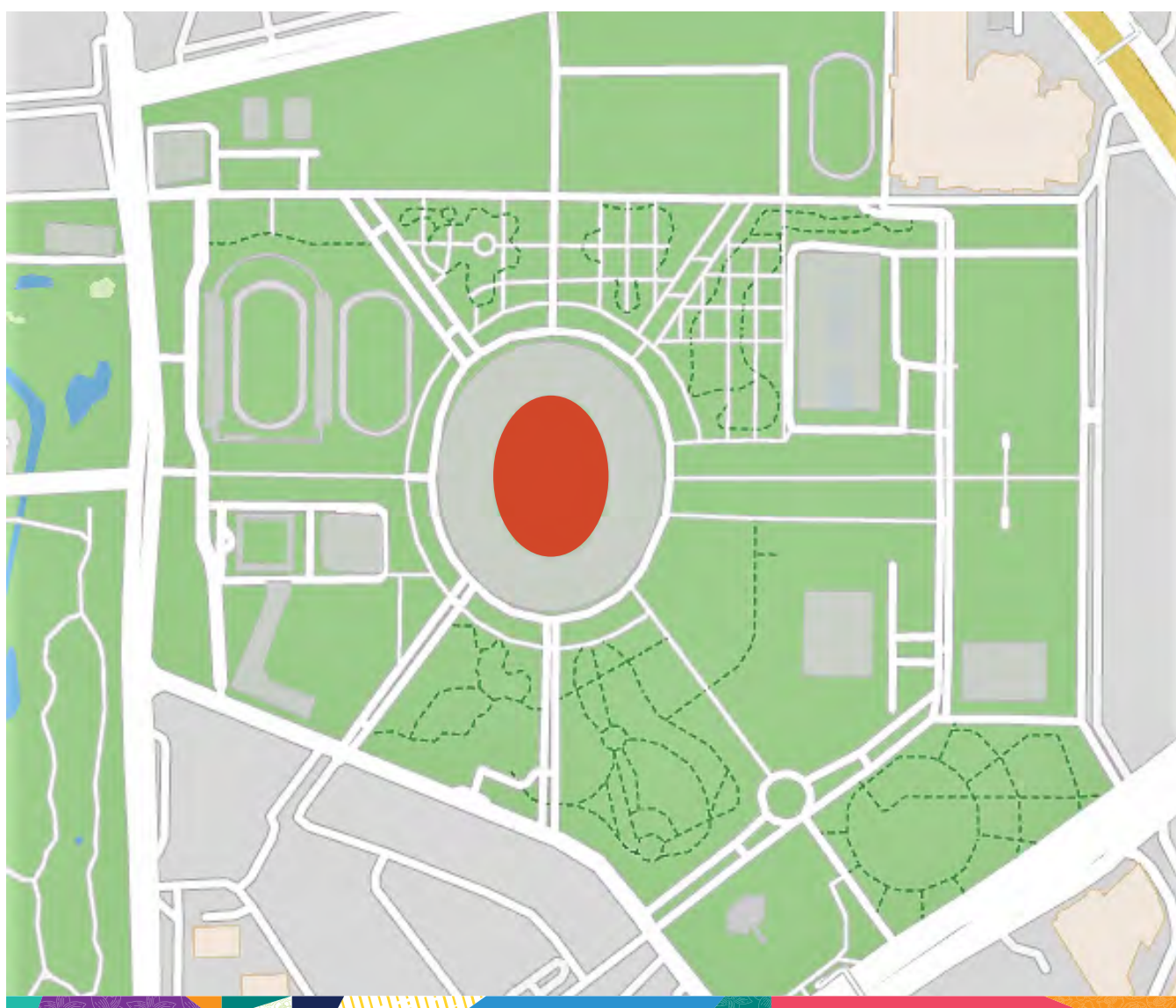
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VENUE FACTS

Venue: GBK Main Stadium

Cluster: Jakarta One

Address: Jalan Pintu Satu Senayan, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

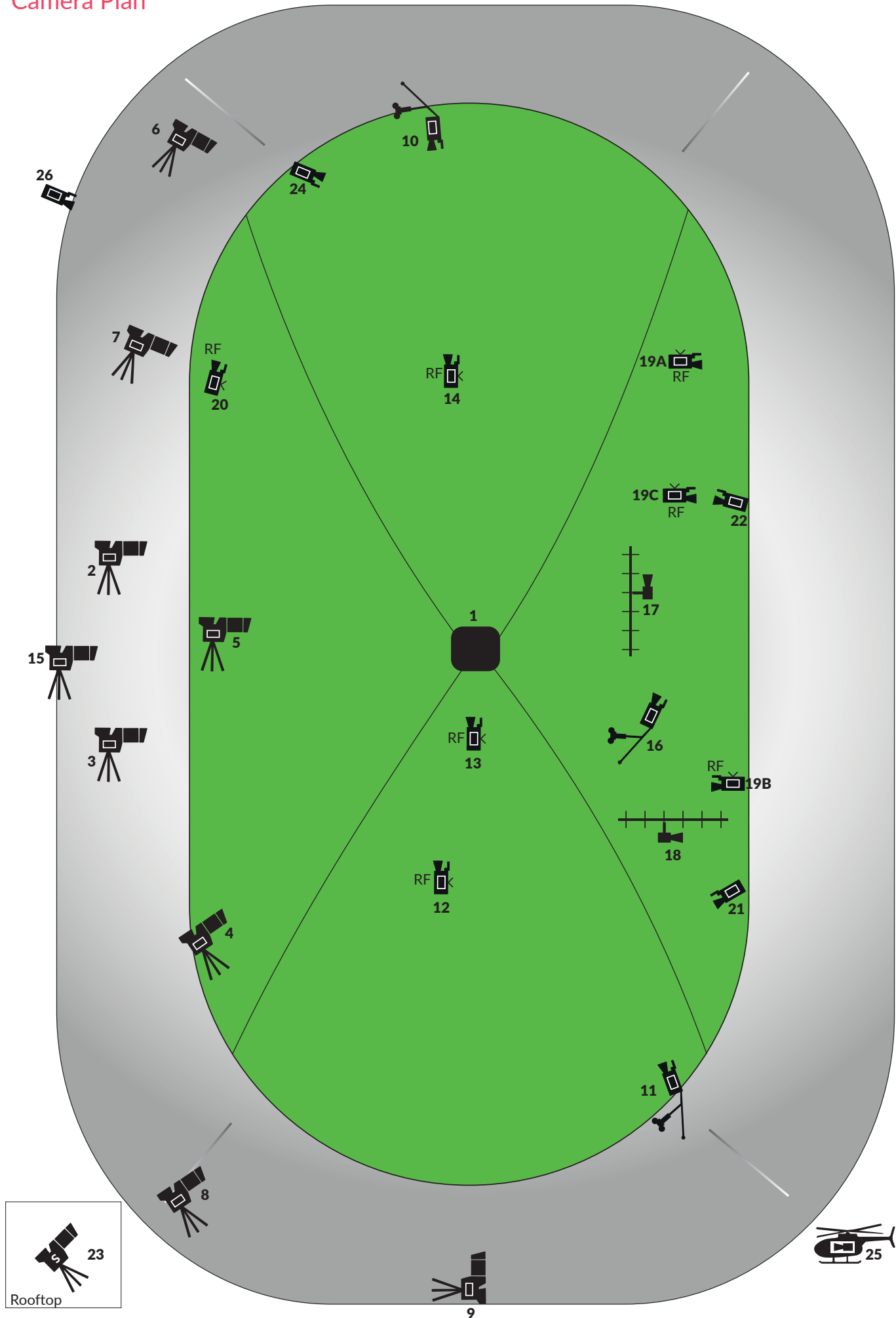




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------------|--------------|----------------------------------------------------------------------|------------------------------------------|
| 1 | 4 Point system camera | 20-1 | Over stadium | Main master coverage position |
| 2 | Hardcam | 86-1 | Left of VIP Area | Close up coverage |
| 3 | Hardcam | 86-1 | RHS of VIP area | Close up coverage |
| 4 | Hardcam | 100-1 | At back of athlete seating | Athlete Stage - Close up coverage |
| 5 | Hardcam | 100-1 | At back of athlete seating | Athlete Stage - Close up coverage |
| 6 | Hardcam | 86-1 | North end Stadium | Wide / Close up coverage |
| 7 | Hardcam | 86-1 | In line with the 100m start, high in the seats - 100m start position | Wide / Close up coverage |
| 8 | Hardcam | 86-1 | In the stadium seats - High Jump position | Wide / Close up coverage |
| 9 | Hardcam | 86-1 | Front of higher seat level - south end | Wide / Close up coverage |
| 10 | Handheld Camera on Jib | 11-1 | North end of stadium on FOP | Jib coverage on FOP |
| 11 | Handheld Camera on Jib | 11-1 | South end of stadium on FOP | Jib coverage on FOP |
| 12 | Handheld on Steadycam - RF | 11-1 | All locations on FOP | Close up coverage |
| 13 | Handheld on Steadycam - RF | 11-1 | All locations on FOP | Close up coverage |
| 14 | Handheld on Steadycam - RF | 11-1 | All locations on FOP | Close up coverage |
| 15 | Hardcam | 20-1 | Centre bus shelter platform | Back up master coverage |
| 16 | Handheld Camera on 6m Jib | 11-1 | On mountain | Close up coverage |
| 17 | Tracking camera | 20-1 | On mountain | Close up coverage |
| 18 | Vertical track | 11-1 | On mountain | Close up coverage |
| 19 | Handheld RF | 11-1 | On mountain | Close up coverage |
| 20 | Handheld RF | 11-1 | All Locations on FOP behind athlete seating | Close up coverage |
| 21 | Mini camera | 8-1 | On mountain | Close up coverage |
| 22 | Mini camera | 8-1 | On mountain | Close up coverage |
| 23 | Super Slow Motion | 100-1 | Building rooftop | Wide / Close up coverage outside Stadium |
| 24 | Hothead | 11-1 | Stadium roof walkway north end | High coverage over Stadium |
| 25 | Helicopter | 40-1 | Over Stadium | Ariel shots |
| 26 | Handheld Unmanned | Stadium lens | Fixed high in NW corner | Beauty shot of stadium |

Camera Plan



AQUATICS – SWIMMING

Dates: 19 August to 24 August

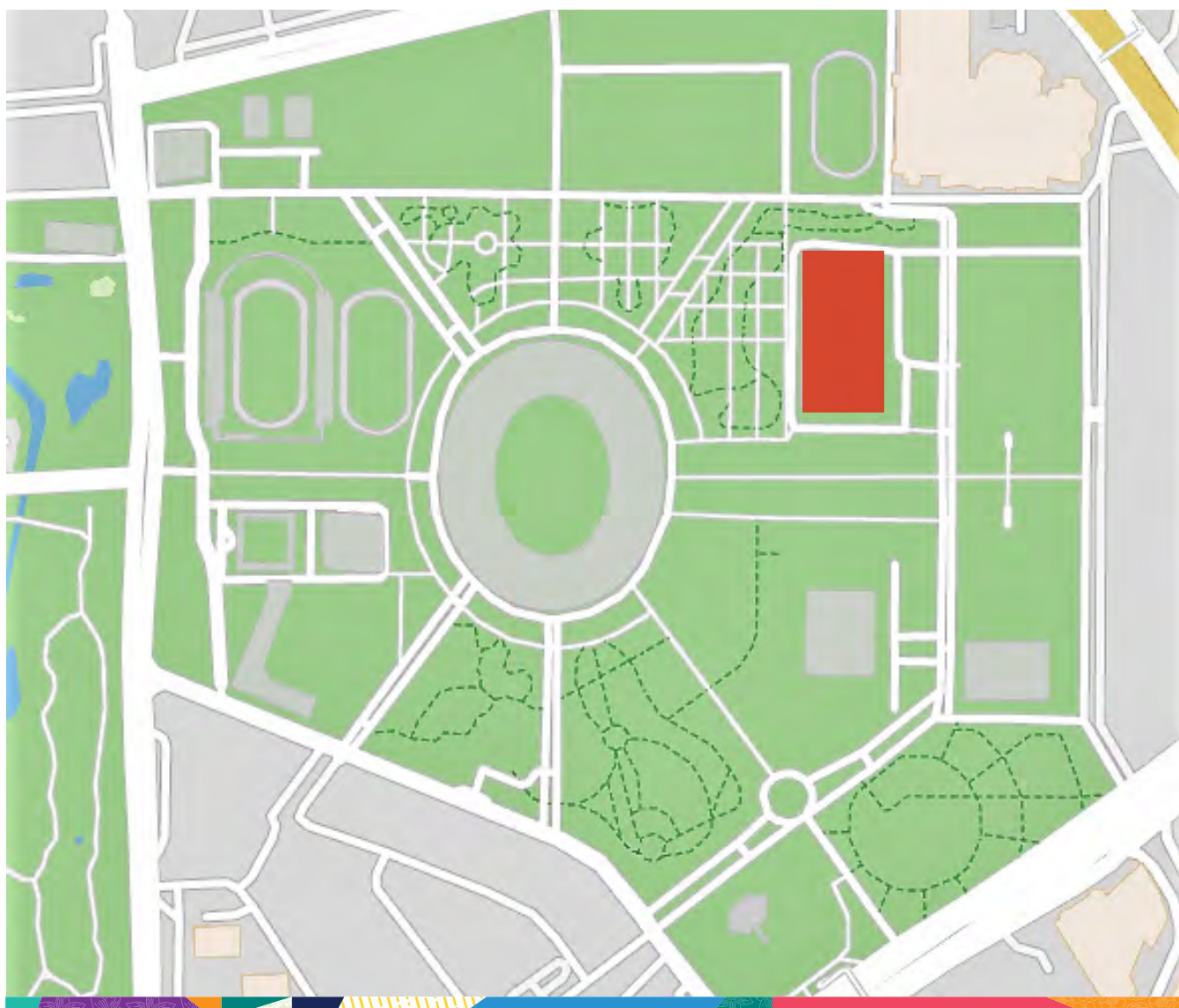
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VENUE FACTS

Venue: GBK Aquatic Center

Cluster: Jakarta One

Address: RT.1/RW.3, Gelora, Tanahabang, Central Jakarta City, Jakarta 10270

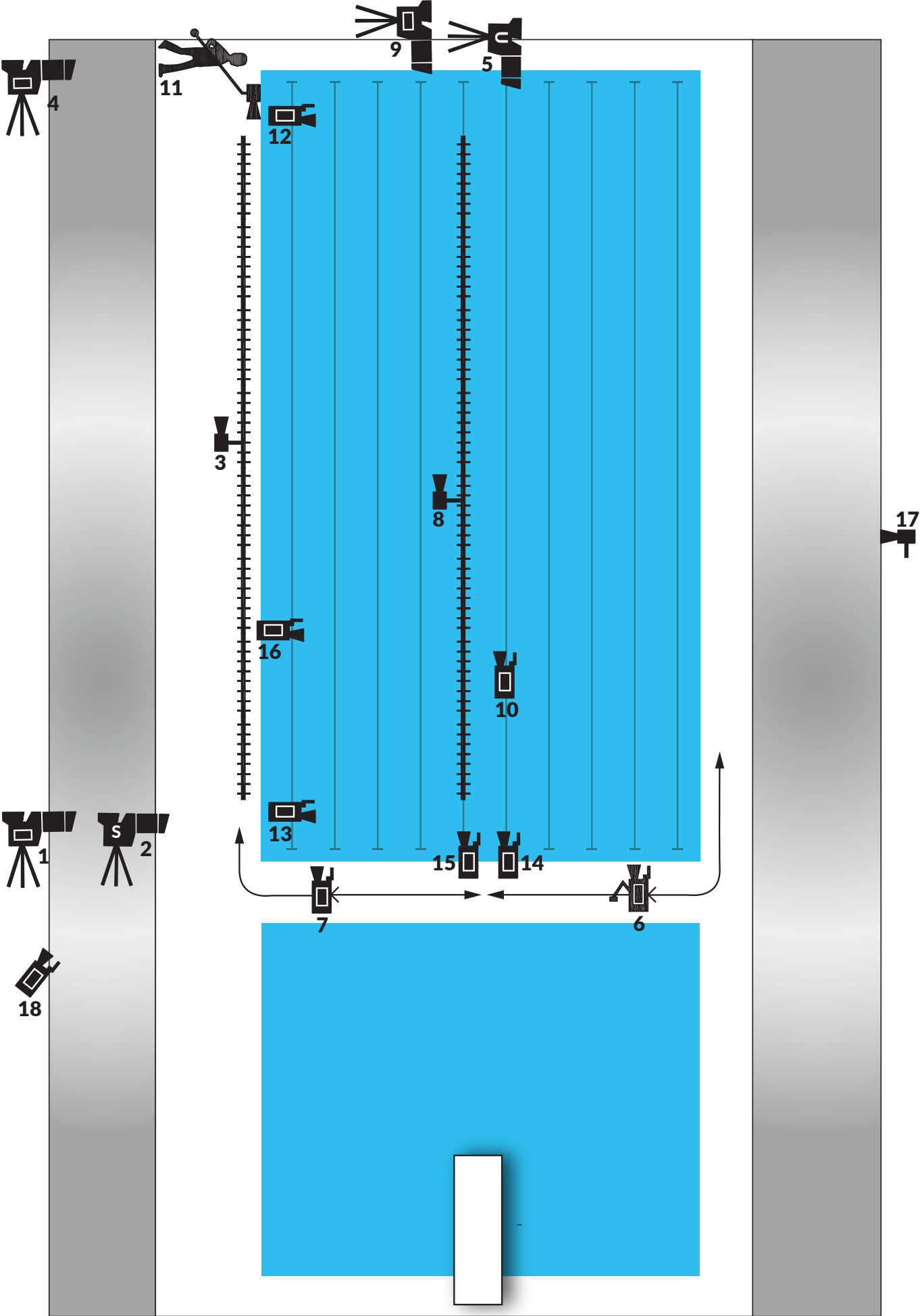




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------------------|-------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | High in seating overlooking the start / finish line with unobstructed view of all pool | Master shot both clean of and with Virtual graphic |
| 2 | Super Slow Motion | 86-1 | Below camera one | Close up camera on race with Super Slow Motion coverage for starts / finish and race itself |
| 3 | Track System Camera | 21-1 | Tracking along poolside | Main tracking shot of race |
| 4 | Hardcam | 86-1 | High in seating over looking the turn end with unobstructed view of all pool | Master turn shot, close ups on race and start shot for 50m races. |
| 5 | Ultra Motion Camera | 100-1 | At left end of pool head on to swimmers, on pedestals between 4 and 5 | Ultra slow motion hero shots |
| 6 | Steadycam RF | 11-1 | Any position in the poolside area | Introductions, winners shot, exits from pool area and behind the scene coverage |
| 7 | Handheld RF | 21-1 & 11-1 | Any position in the poolside area and start of the race | Introductions, winners shot, exits from pool area and behind the scene coverage |
| 8 | Underwater Track 'MobyCam' | 11-1 | Under lane 6 on black line (focusing competition lane 4 & 5) | Underwater shots of swimmers |
| 9 | Hardcam | 100-1 | At left end of pool head on to swimmers, on raised platform / footbridge | Head on wide shots, hero shots and ceremonies |
| 10 | Hothead | 40-1 | Robotic camera over the arena between lane 4 & 5 in centre of pool | Overhead coverage of the competition |
| 11 | Polecam | 8-1 | Around pool side | Various jib camera shots of intros, race and medal ceremonies |
| 12 | Handheld unmanned-Flip camera | 21-1 | Near left corner of the pool | Turn around shots of the competition and backstroke start |
| 13 | Handheld unmanned-Flip camera | 21-1 | Near right corner of the pool | Turn around shots of the competition and backstroke start |
| 14 | Handheld unmanned | W/A | Under lane 4 starting block | Coverage of Backstroke start and turn around |
| 15 | Handheld unmanned | W/A | Under lane 5 starting block | Start coverage of backstroke |
| 16 | Hand held Periscope | W/A | Under water on the near end of pool, 15m from the starting blocks | Under water coverage of the competition |
| 17 | Mini Chip camera on Pan and Tilt | 8-1 | Call Room | Behind the scene shots of athlete preparations |
| 18 | Handheld | 8-1 | High in corner of arena in line with end of dive pool | Fixed beauty shot over pool area |

Camera Plan



AQUATICS – DIVING

Dates: 28 August to 1 September

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
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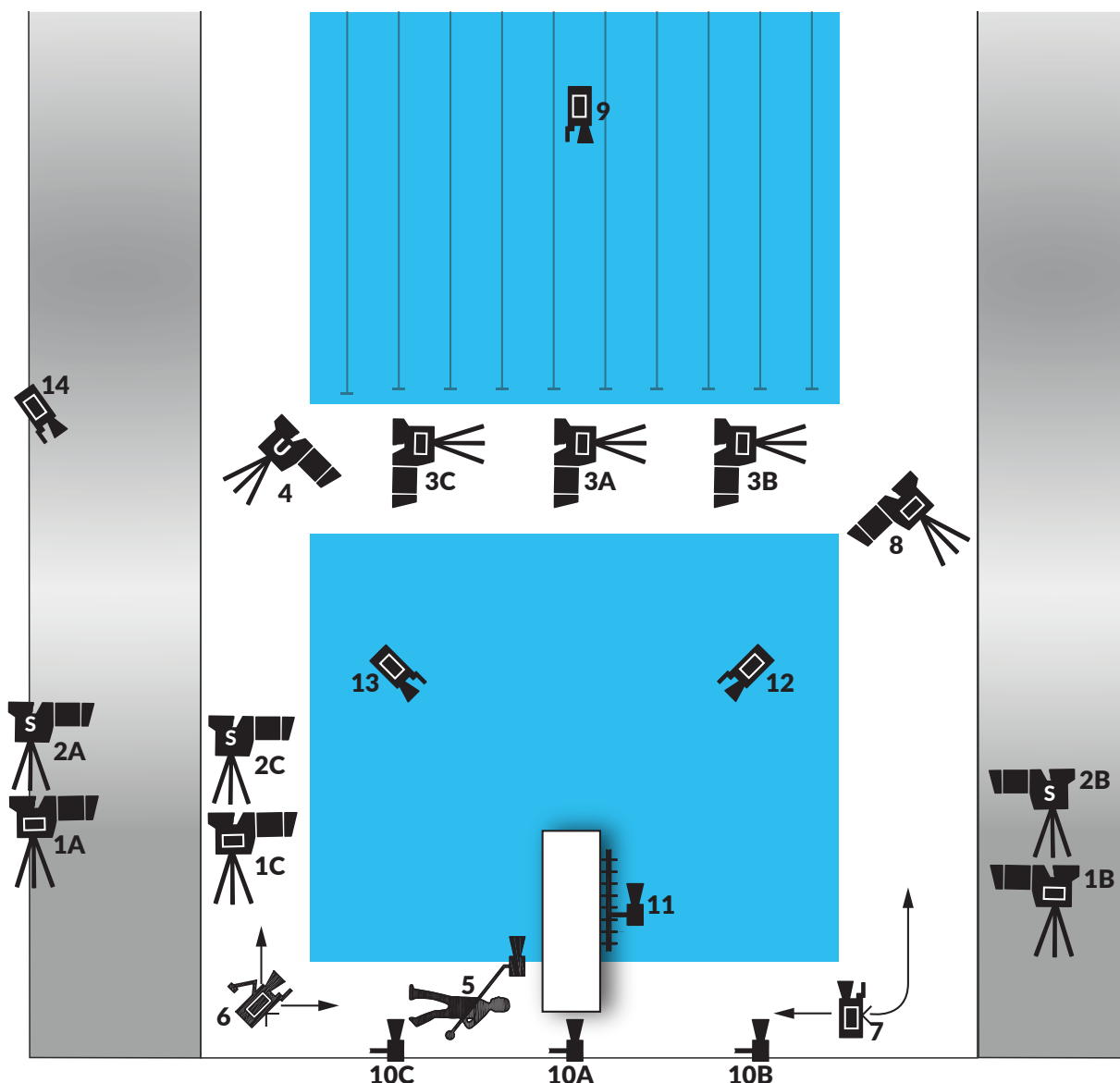
Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------------------|-------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1A | Hardcam | 86-1 | High in seating over adjacent to the 10m platform | Master Shot 10 Metre |
| 1B | Hardcam | 86-1 | Opposite end - low in seating in line with 3 metre platform | Master Shot 3 Metre |
| 1C | Hardcam | 86-1 | Poolside in line with 1 metre boards | Master Shot 1 metre |
| 2A | Super Slow Motion | 86-1 | Alongside camera 1A | Alternative master shot and main super slow motion replay shot |
| 2B | Super Slow Motion | 86-1 | Alongside camera 1B | Alternative master shot and main super slow motion replay shot |
| 2C | Super Slow Motion | 86-1 | Alongside camera 1C | Alternative master shot and main super slow motion replay shot |
| 3A | Hardcam | 86-1 | Facing 10m platform at opposite end on 3m platform on wheels | Close up profile of divers head on |
| 3B | Hardcam | 86-1 | Facing 3m platform at opposite end on 3m platform on wheels | Close up profile of divers head on |
| 3C | Hardcam | 86-1 | Poolside facing 1m boards at opposite end | Close up profile of divers head on |
| 4 | Ultra Motion Camera | 100-1 | On pool deck, near corner, diagonally facing divers | Ultra slow motion artistic and hero shots |
| 5 | Polecam | 8-1 | Around pool side | Divers entry and exit of water |
| 6 | Steadycam RF | 11-1 | Handheld around pool | Various close ups of entrances, out of water, exits from area and medal presentations |
| 7 | Handheld RF | 21-1 & 11-1 | Hand held around pool | Various close ups of entrances, out of water, exits from area and medal presentations |
| 8 | Hardcam | 86-1 | On pool deck far corner diagonally facing the divers | Reverse 3/4 angle for 3m and 1m dives |
| 9 | Hothead | 11-1 | Robotic camera over the arena | Head on shot of the diver for 10m, and overhead coverage of 1m and 3m competition |
| 10A | Mini Chip camera on Pan and Tilt | 21-1 | Back against the wall at eyeline level behind 10m platform. | Close ups of diver pre dive |



| No. | Type | Lens | Position | Coverage |
|-----|----------------------------------|------|-------------------------------------------------------------------|-------------------------------------------------------------|
| 10B | Mini Chip camera on Pan and Tilt | 21-1 | Back against the wall at eyeline level behind central 3m platform | Close ups of diver pre dive |
| 10C | Mini Chip camera on Pan and Tilt | 21-1 | At eyeline level behind central 1m board | Close ups of diver pre dive |
| 11 | Dive Rail cam | 4-1 | Vertical track to side of 10m board | Shot that track with the diver during decent into the water |
| 12 | Handheld Unmanned - Underwater | W/A | Far side in front of 3m platform | Underwater coverage of entry and surface |
| 13 | Handheld Unmanned - Underwater | W/A | Near side in front of 1m boards | Underwater coverage of entry and surface |
| 14 | Handheld | 8-1 | High in corner of arena in line with end of dive pool | Fixed beauty shot over pool area |

Camera Plan



AQUATICS – ARTISTIC SWIMMING

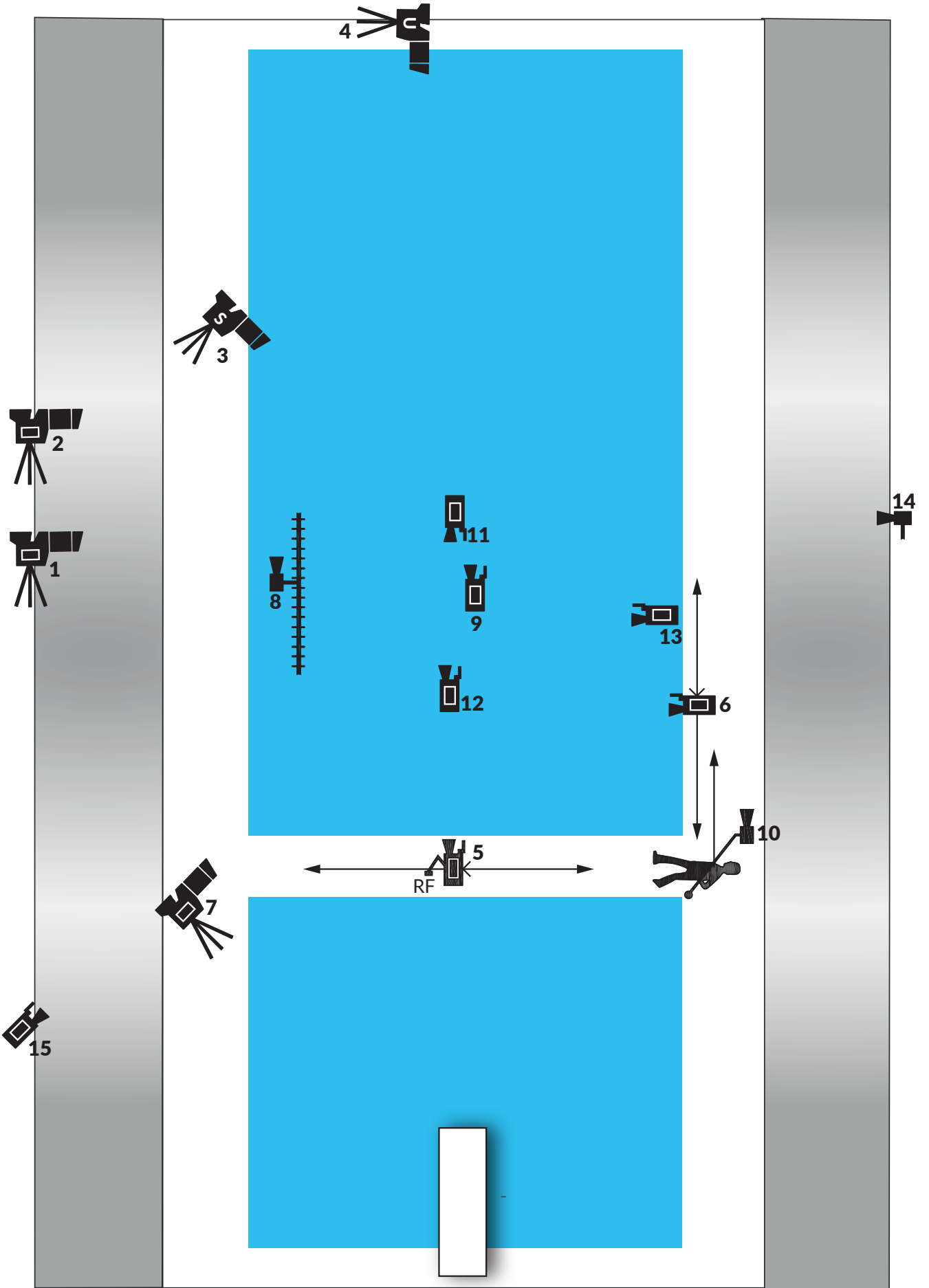
Dates: 27 August to 29 August

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Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------------------|-------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | High in seating, level with centre of arena | Wide Master shot |
| 2 | Hardcam | 86-1 | High in seating, level with centre of arena –adjacent to camera 1 | Medium master shot |
| 3 | Super Slow Motion | 86-1 | Near corner poolside on wheels | Corner coverage of performance |
| 4 | Ultra motion camera | 100-1 | At left end of pool head on to swimmers, on pedestals | Ultra slow motion hero shots |
| 5 | Steadycam RF | 11-1 | Hand held around poolside | Various shots of introductions, walk ons, entries, exits and medal ceremonies |
| 6 | Handheld RF | 21-1 & 11-1 | Hand held on tripod in the near corner of the FOP, on wheels | Introductions, winners shot and exits from pool area and diagonal shots of the competition |
| 7 | Hardcam | 86-1 | In the right near corner of arena, low in seats | Diagonal coverage of the competition, close up of formations |
| 8 | Underwater Track 'Mobycam' | 11-1 | On floor of pool | Coverage of underwater of the performance |
| 9 | Hothead | 11-1 | Wire Camera over the arena | Overhead coverage of the competition |
| 10 | Polecam | 8-1 | Around the far right corner of the pool | Various jib camera shots of intros, performance and medal ceremonies and exit of the players from the pool |
| 11 | Handheld Unmanned | W/A | Underwater under lane 5 on the left | Under water coverage of the competition |
| 12 | Handheld Unmanned | W/A | Underwater under lane 5 on the right | Under water coverage of the competition |
| 13 | Handheld Periscope | W/A | Far end in water, centre to the FOP | Under water coverage of the competition |
| 14 | Mini Chip camera on Pan and Tilt | 8-1 | Call Room | Behind the scenes of athletes preparation |
| 15 | Handheld - Unmanned | 8-1 | High in corner of arena in line with end of dive pool | Fixed beauty shot over pool area |

Camera Plan



AQUATICS – WATER POLO

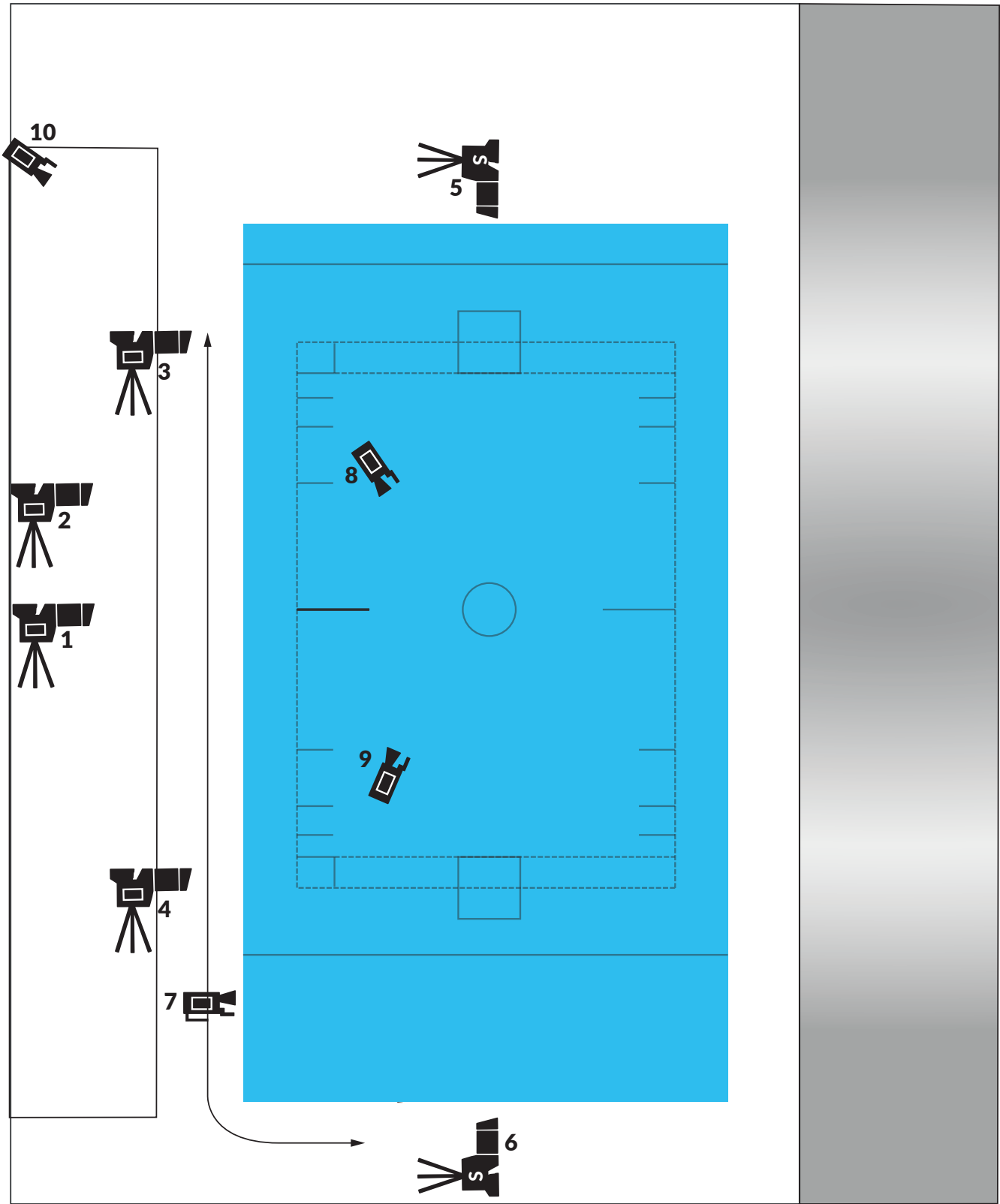
Dates: 16 August to 1 September

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Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | High centred in seating | Wide master shot |
| 2 | Hardcam | 86-1 | Alongside camera one | Tight follow camera for close ups and replays |
| 3 | Hardcam | 86-1 | Left end of pool at bottom of seats on 30 cm riser - kill seats beind | Coverage for replays / close ups |
| 4 | Hardcam | 86-1 | Right end of pool at bottom of seats on 30 cm riser - kill seats beind | Coverage for replays / close ups |
| 5 | Super Slow Motion | 86-1 | Left end of pool on rolling base on 3m platform | Tight replay coverage |
| 6 | Super Slow Motion | 86-1 | Right end of pool on 1m platform | Tight replay coverage |
| 7 | Handheld RF | 11-1 | Various positions around pool | Crowd, coach, introductions, medal presentation shots and behind the scenes footage |
| 8 | Handheld Unmanned | W/A | Underwater to left of pool | Underwater coverage for left hand penalty area |
| 9 | Handheld Unmanned | W/A | Underwater to right of pool | Underwater coverage for right hand penalty area |
| 10 | Handheld Unmanned | 8-1 | In corner of pool | Wide fixed beauty shot in corner of stadium |

Camera Plan



ARCHERY

Dates: 23 August to 28 August

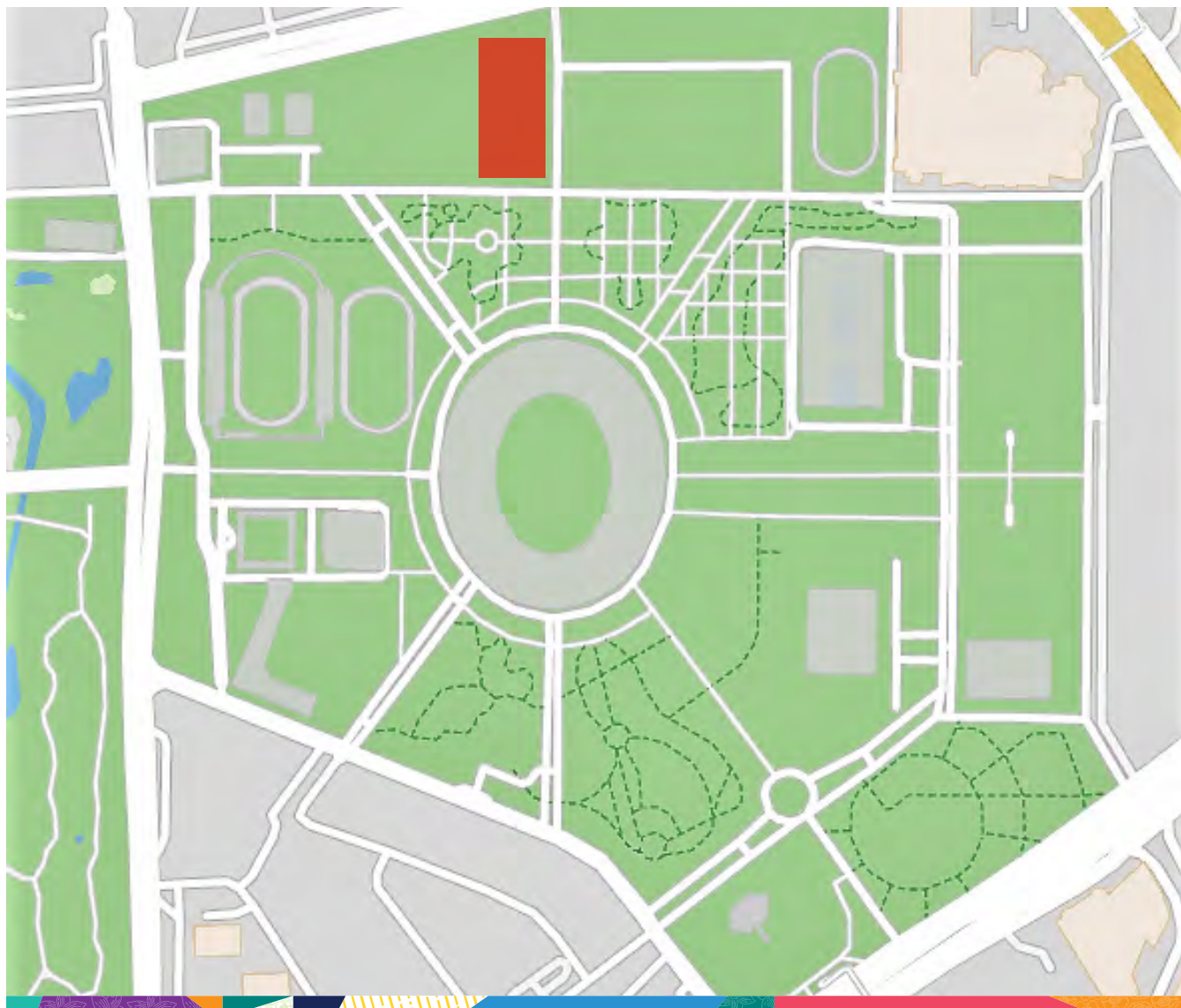
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VENUE FACTS

Venue: GBK Archery Field

Cluster: Jakarta One

Address: Gelora Bung Karno, Jl. Gerbang Pemuda, RT.1/RW.3, Senayan, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

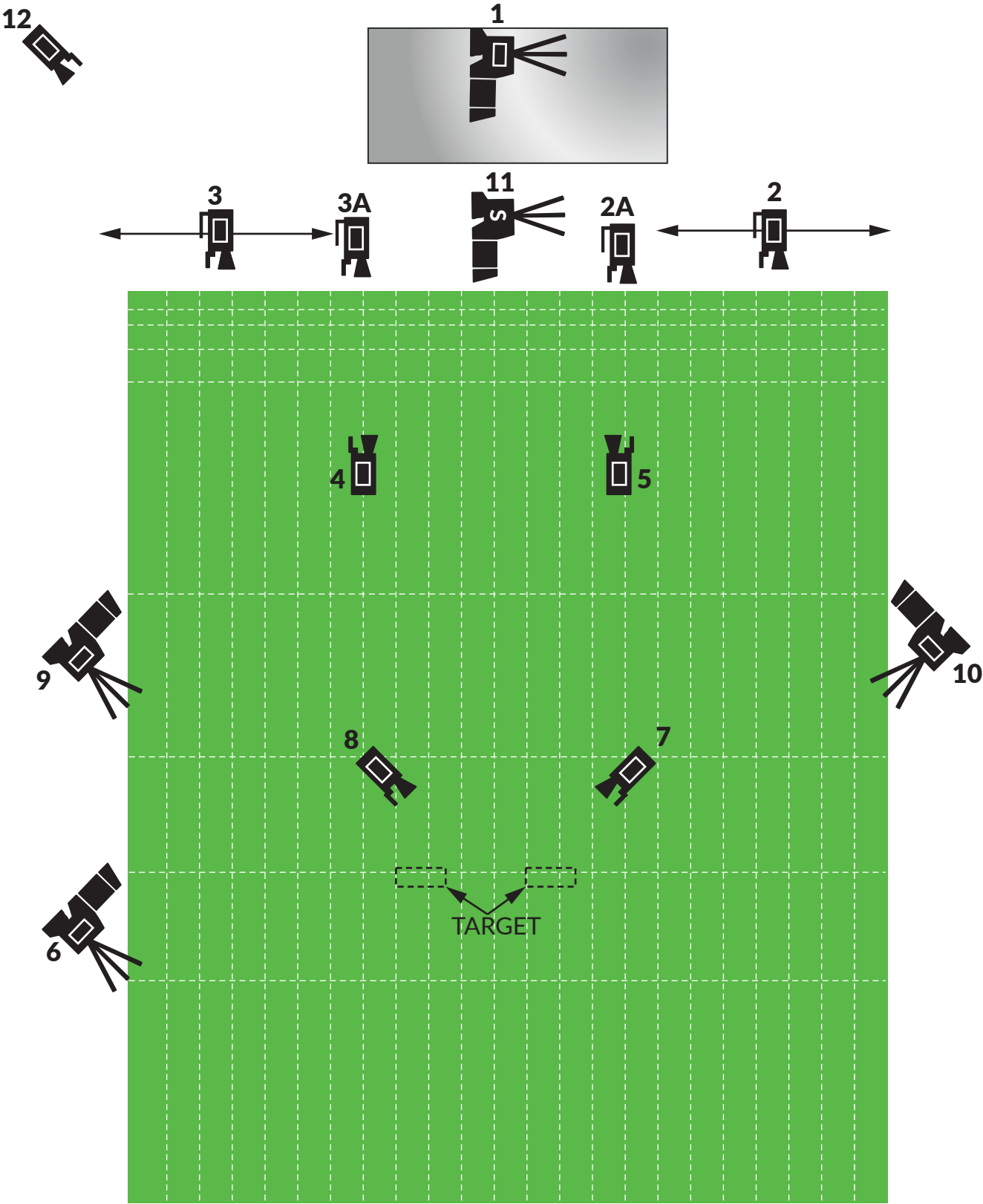




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|--------|---------------------------|------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | Master position high in stands on 1m level platform | Master coverage |
| 2 & 2A | Roving handheld | 20-1 | Moves among archers for close ups/reaction. Tripod positioned behind left hand shooter for fixed shots | Close up and over shoulder coverage, introductions and medal presentations |
| 3 & 3A | Roving handheld | 11-1 | Moves among archers for close ups/reaction. Tripod positioned behind right hand shooter for fixed shots | Close up and over shoulder coverage, introductions and medal presentations |
| 4 | Handheld on Hothead | 11-1 | Centred in front of archers | Close ups of archers firing |
| 5 | Handheld on Hothead | 11-1 | Centred in front of archers | Close ups of archers firing |
| 6 | Hardcam | 86-1 | Left and in front of archers behind protective screen | Coverage and replays |
| 7 | Handheld | 20-1 | Fixed in front of target | Close up of target |
| 8 | Handheld | 20-1 | Fixed in front of target | Close up of target |
| 9 | Hardcam | 86-1 | Hardcam to right & in front of archers behind protective screen | Coverage and replays |
| 10 | Hardcam | 86-1 | In corner of pool | Coverage and replays |
| 11 | Super Slow Motion Hardcam | 86-1 | On pedestal behind archers | SSM flight of arrows from behind archers |
| 12 | Handheld | 11-1 | Hanging from corner of roof of stadium | Beauty shot |

Camera Plan



ATHLETICS – INTEGRATED

Dates: 25 August to 30 August

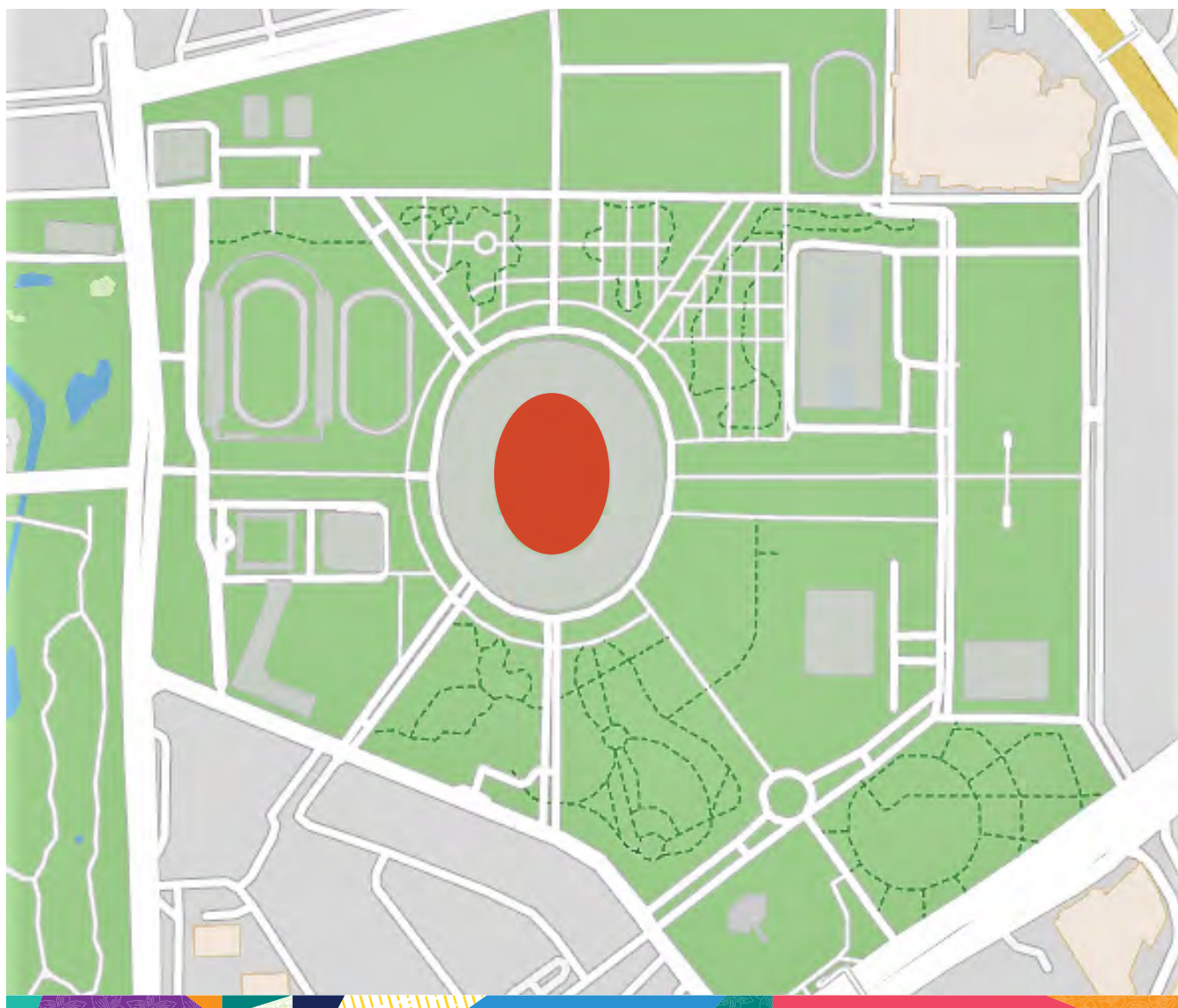
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VENUE FACTS

Venue: GBK Main Stadium

Cluster: Jakarta One

Address: Jalan Pintu Satu Senayan, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

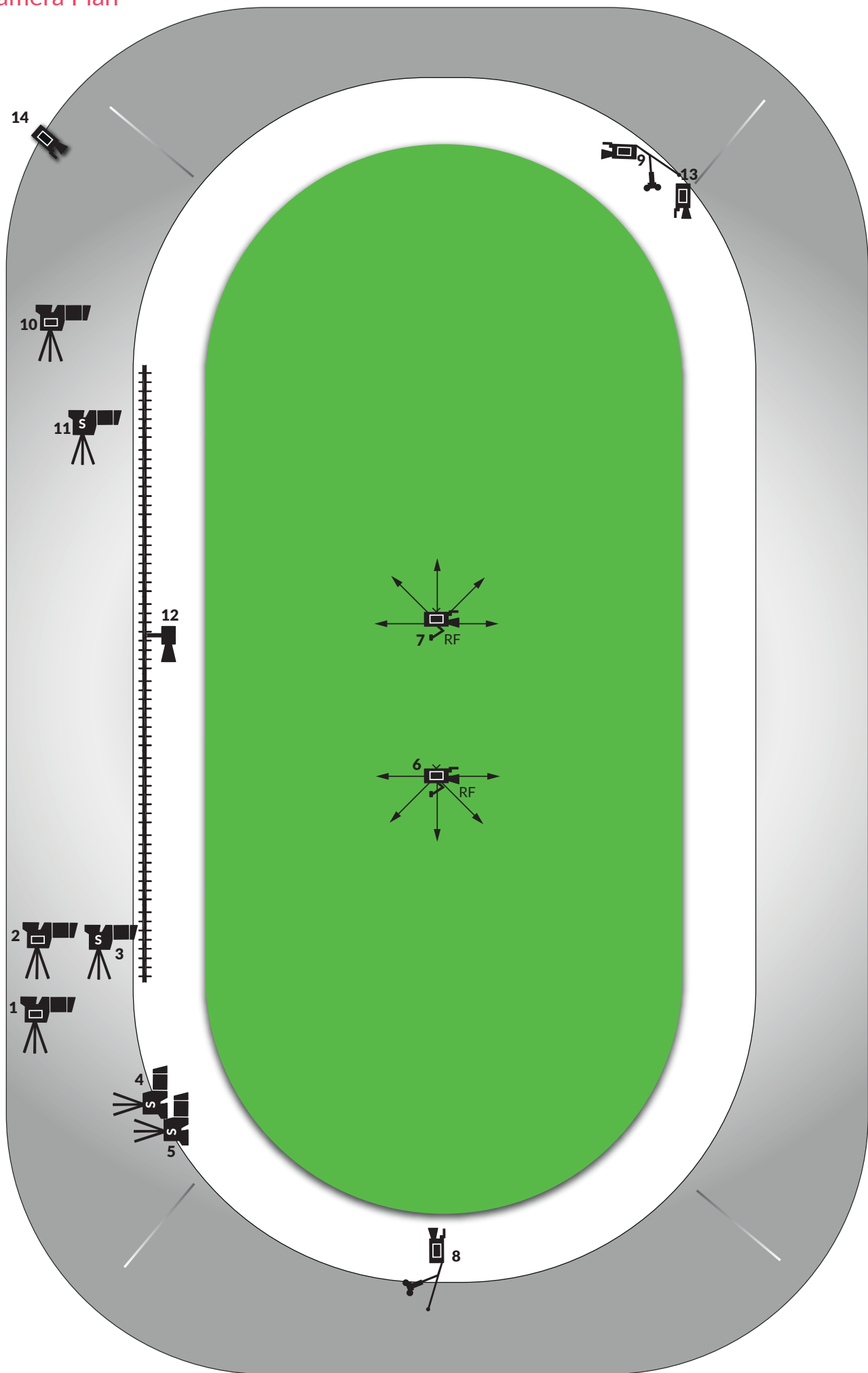




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------------|--------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | High wide over finish line | Main master coverage on all track events - virtual graphics camera |
| 2 | Hardcam | 86-1 | Positioned to the left of camera one | Close up coverage |
| 3 | Super Slow Motion | 86-1 | Low on finish line on ground level on 50cm riser | Replays to Super slow motion of finishes |
| 4 | Super Slow Motion | 100-1 | Head on to finish straight on press photo stand | Tight close ups and replay for Super Slow Motion |
| 5 | Super Slow Motion | 100-1 | Head on to finish straight on press photo stand | Tight close ups and replay for Super Slow Motion |
| 6 | Handheld on Steadycam - RF | 11-1 | All locations inside arena | All athlete introductions, close ups after finish's, medal ceremonies. On races over 1500m camera goes on buggy for wide tracking shot from 100 to 300m marks. |
| 7 | Handheld on Steadycam - RF | 11-1 | All locations inside arena | All athlete introductions, close ups after finish's, medal ceremonies. On races over 1500m camera goes on buggy for close up tracking shot from 100 to 300m marks. |
| 8 | Handheld Camera on Jib | 11-1 | On outside of track at 400m start area | Starts of all races from 400m mark, coverage of multi lap races, crowd shots and medal ceremonies |
| 9 | Handheld Camera on Jib | 11-1 | On outside of track at 200m start area | Starts of all races from 200m mark, coverage of multi lap races, crowd shots and field event coverage |
| 10 | Hardcam | 86-1 | In line with the 100m start, high in the seats | High coverage of final bend and 100m starts - virtual graphics camera |
| 11 | Super Slow Motion | 100-1 | On final bend | Coverage of 100m starts and action off the final bend |
| 12 | Tracking camera | 20-1 | Track on outside of track along home straight | Tracking shots for replays of finishes |
| 13 | Hothead | 11-1 | Stadium roof walkway over 200m start in line with back straight | High coverage over Stadium - virtual graphics camera |
| 14 | Handheld Unmanned | Stadium lens | Fixed high in NW corner | Beauty shot of stadium |

Camera Plan



ATHLETICS – HIGH JUMP

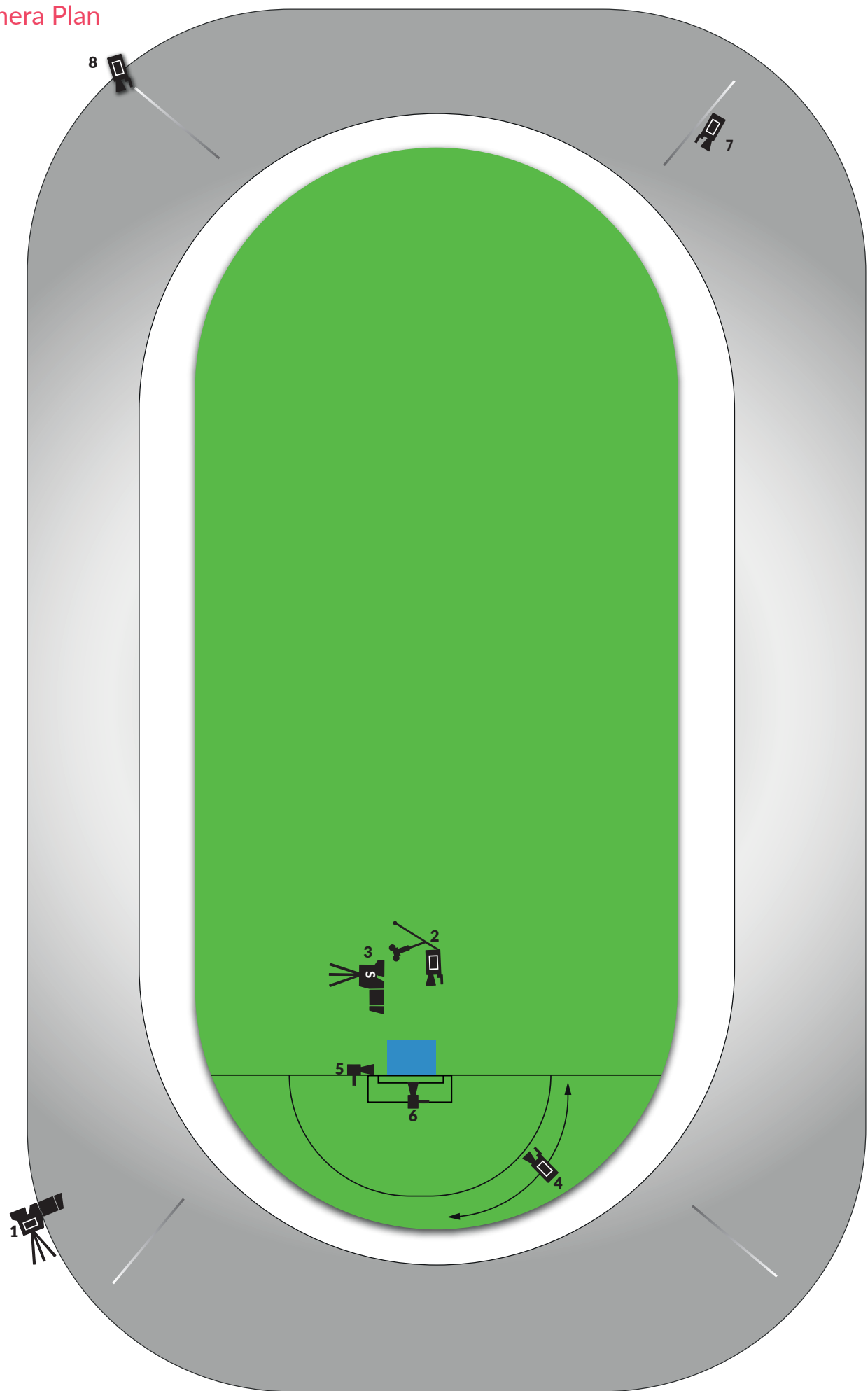
Dates: 25 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
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Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|------------------------|--------------|-----------------------------------------------------------------|-----------------------------------------------------|
| 1 | Hardcam | 86-1 | In the stadium seats | Wide master for all jumps - virtual graphics camera |
| 2 | Handheld Camera on Jib | 11-1 | Behind the landing mat | Alternative master shot or replay |
| 3 | Super Slow Motion | 86-1 | Behind the landing mat | Main replay and close up |
| 4 | Handheld RF | 11-1 | Positioned by each discipline | Hand held for competitors around bench holding area |
| 5 | Mini chip camera | 8-1 | Set for view along the bar | Close up of bar clearance |
| 6 | Mini chip camera | 8-1 | Set under the bar looking up | Alternative angles of jumps |
| 7 | Hothead | 11-1 | Stadium roof walkway over 200m start in line with back straight | High coverage over Stadium |
| 8 | Handheld Unmanned | Stadium lens | Fixed high in NW corner of stadium | Beauty shot of stadium |

Camera Plan



ATHLETICS – LONG JUMP & TRIPLE JUMP

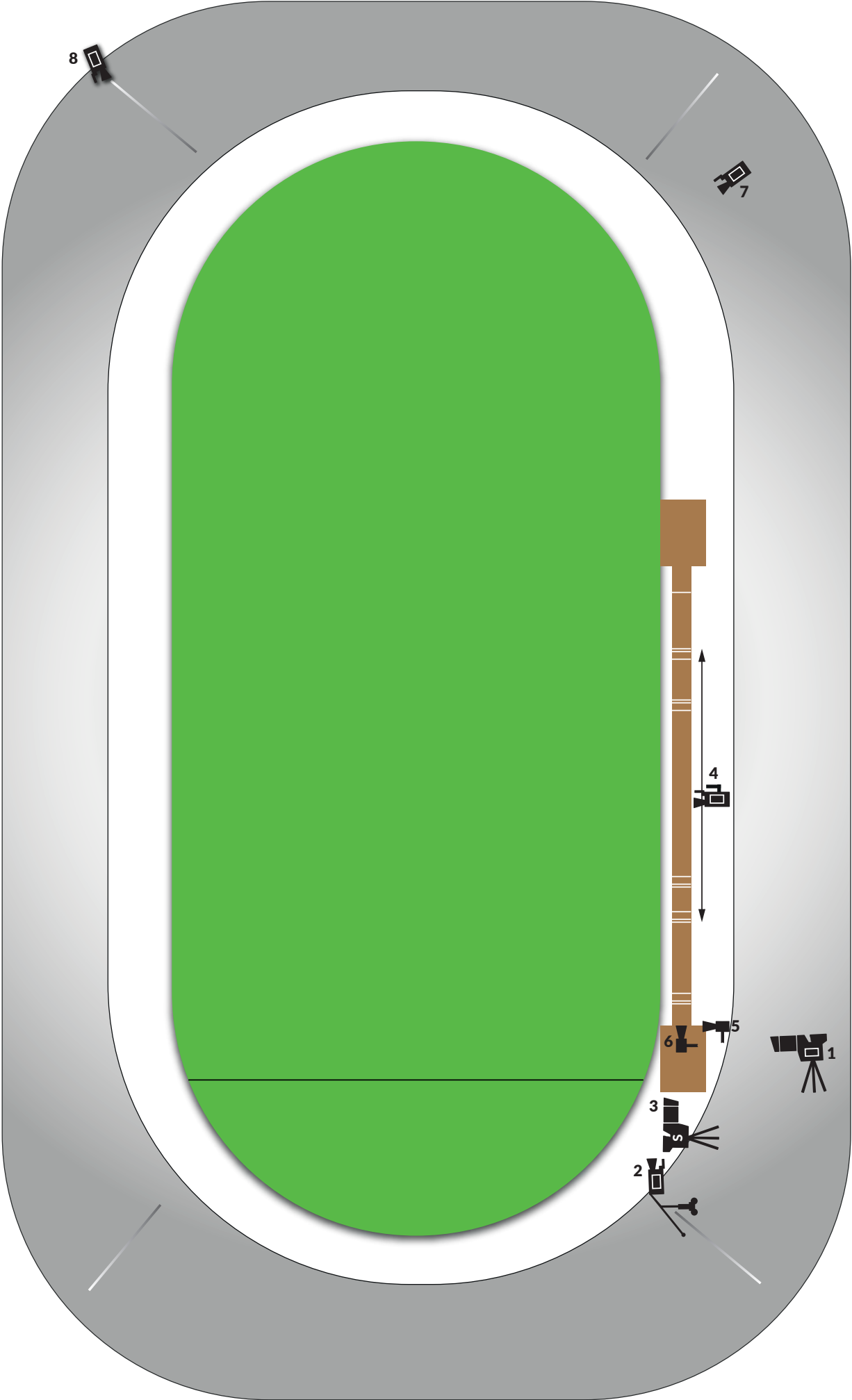
Dates: 25 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | M | M | M | M | M | M | | | |

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|--------------|-------------------------------------------------------------|-----------------------------------------------------|
| 1 | Hardcam | 86-1 | In stadium seats in line with the landing area in south pit | Wide master for all jumps - virtual graphics camera |
| 2 | Handheld Camera on 6m Jib | 11-1 | At the end of the jump pits | Alternative master shot or replay |
| 3 | Super Slow Motion | 86-1 | At the end of the jump pits | Main replay and close up |
| 4 | Handheld RF | 11-1 | Alongside run up | Hand held for competitors around bench holding area |
| 5 | Mini chip camera | 8-1 | Along take off boards | Close up of take off boards |
| 6 | Mini chip camera | 8-1 | In edge of pit looking at run way | Alternative angles of jumps |
| 7 | Hothead | 11-1 | Stadium roof walkway | High coverage over Stadium |
| 8 | Handheld Unmanned | Stadium lens | Fixed in corner of stadium | Beauty shot of stadium |

Camera Plan



ATHLETICS – POLE VAULT

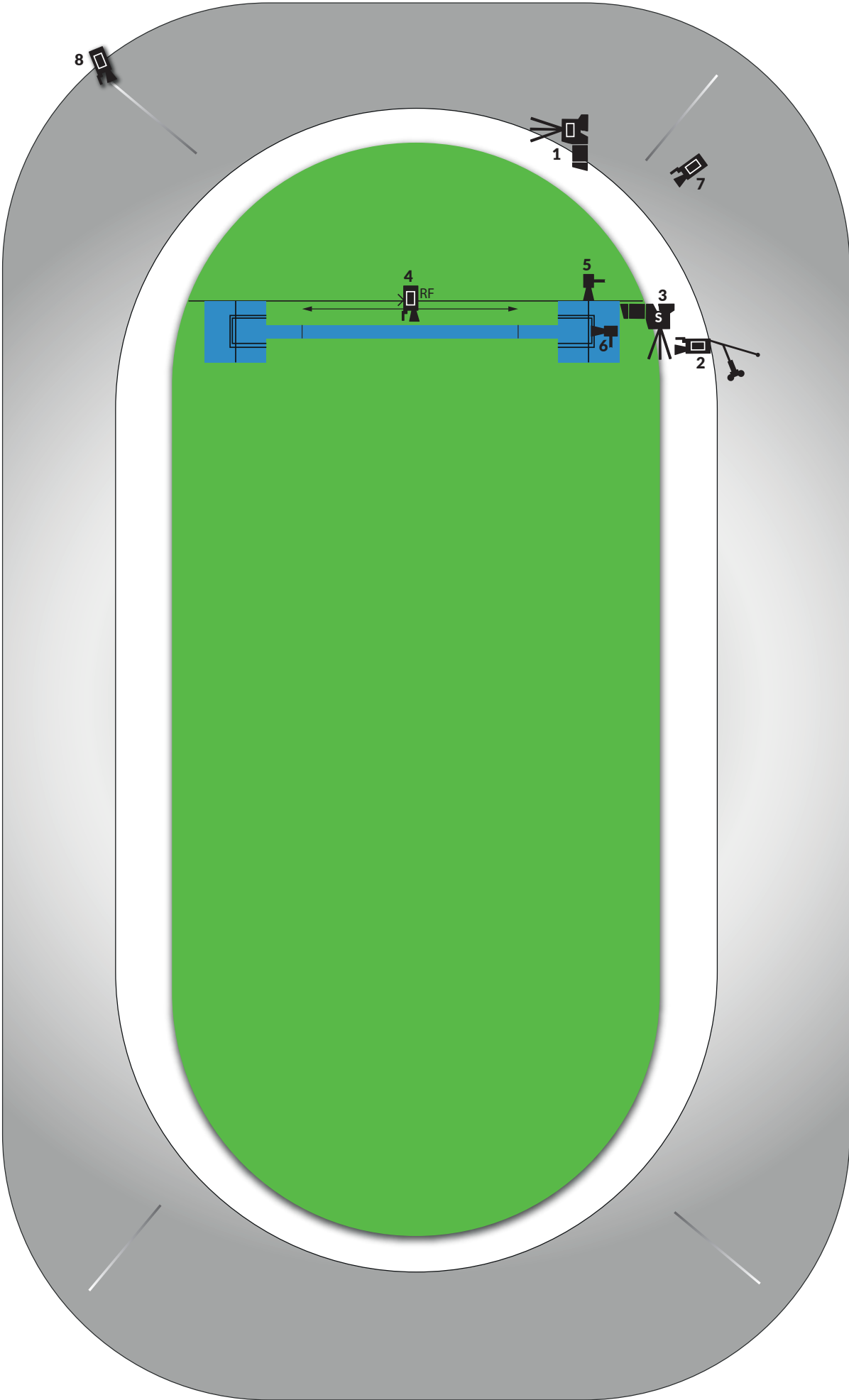
Dates: 25 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | M | M | M | M | M | M | | | |

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|------------------------|--------------|-----------------------------------------------------------------|-----------------------------------------------------|
| 1 | Hardcam | 86-1 | End of stadium, in front of jump pit in seating | Wide master for all jumps |
| 2 | Handheld Camera on Jib | 11-1 | Behind the landing mat | Alternative master shot or replay |
| 3 | Super Slow Motion | 86-1 | Behind the landing mat | Main replay and close up |
| 4 | Handheld RF | 11-1 | Positioned by each discipline | Hand held for competitors around bench holding area |
| 5 | Mini chip camera | 8-1 | Set for view along the bar | Close up of bar clearance |
| 6 | Mini chip camera | 8-1 | Set in the box facing run up | Alternative angles of jumps |
| 7 | Hothead | 11-1 | Stadium roof walkway over 200m start in line with back straight | High coverage over Stadium |
| 8 | Handheld Unmanned | Stadium lens | Fixed in corner of stadium | Beauty shot of stadium |

Camera Plan



ATHLETICS – DISCUS & HAMMER

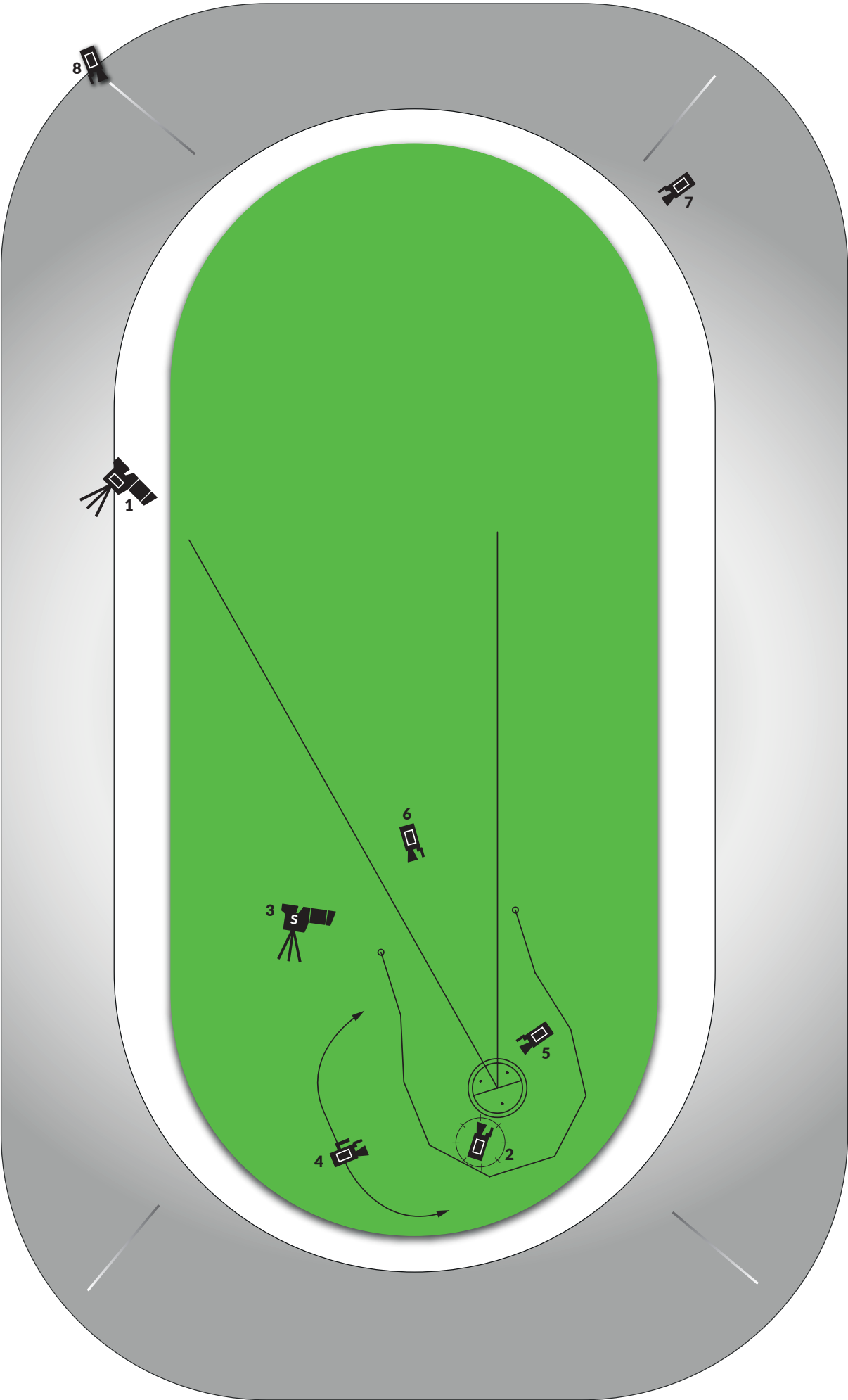
Dates: 25 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
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| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | M | M | M | M | M | M | | | |

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|--------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | On left hand end, upper level existing platform | Wide master for all javelin, discus, hammer and alternative master for shot - virtual graphics camera |
| 2 | Vertical track | 11-1 | Track inside cage for Discus / Hammer & alongside run up for Javelin | Master coverage for shot and alternative coverage of throw for javelin, discus and hammer |
| 3 | Super Slow Motion | 86-1 | Positioned by each discipline | Main replay and close up |
| 4 | Handheld RF | 11-1 | Positioned by each discipline | Hand held for competitors around bench holding area |
| 5 | Handheld Unmanned | 8-1 | Along foul line / board for each discipline | Close up of foul throws |
| 6 | Handheld Unmanned | 8-1 | In landing area facing the thrower | Head on replay of throw at release |
| 7 | Hothead | 11-1 | Stadium roof walkway over 200m start in line with back straight | High coverage over Stadium |
| 8 | Handheld Unmanned | Stadium lens | Fixed in corner of stadium | Beauty shot of stadium |

Camera Plan



ATHLETICS – JAVELIN

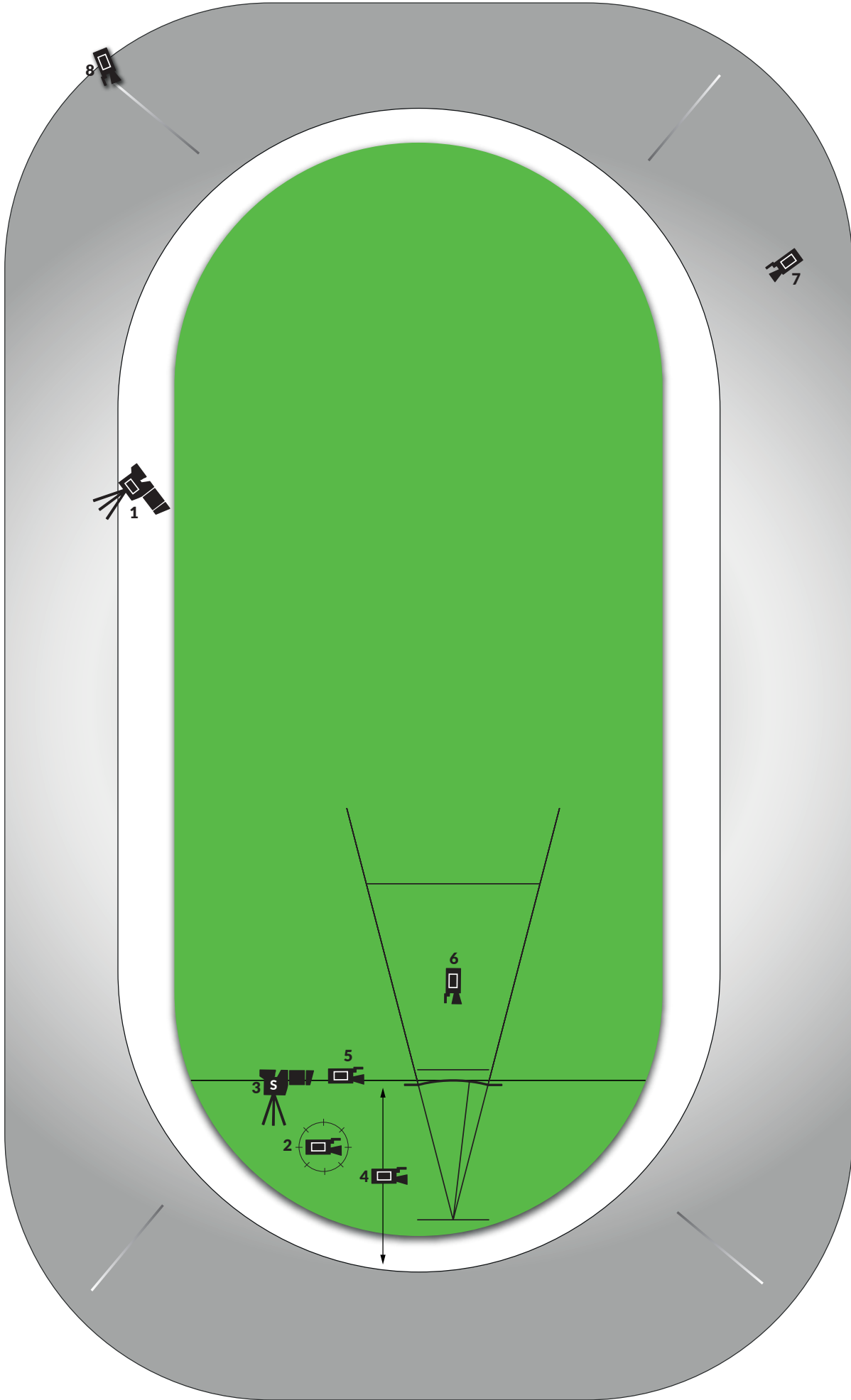
Dates: 25 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | M | M | M | M | M | M | | | |

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|--------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | On left hand end, upper level existing platform | Wide master for all javelin, discus, hammer and alternative master for shot - virtual graphics camera |
| 2 | Vertical track | 11-1 | Track inside cage for Discus / Hammer & alongside run up for Javelin | Master coverage for shot and alternative coverage of throw for javelin, discus and hammer |
| 3 | Super Slow Motion | 86-1 | Positioned by each discipline | Main replay and close up |
| 4 | Handheld RF | 11-1 | Positioned by each discipline | Hand held for competitors around bench holding area |
| 5 | Handheld Unmanned | 8-1 | Along foul line / board for each discipline | Close up of foul throws |
| 6 | Handheld Unmanned | 8-1 | In landing area facing the thrower | Head on replay of throw at release |
| 7 | Hothead | 11-1 | Stadium roof walkway over 200m start in line with back straight | High coverage over Stadium |
| 8 | Handheld Unmanned | Stadium lens | Fixed in corner of stadium | Beauty shot of stadium |

Camera Plan



ATHLETICS – SHOT PUT

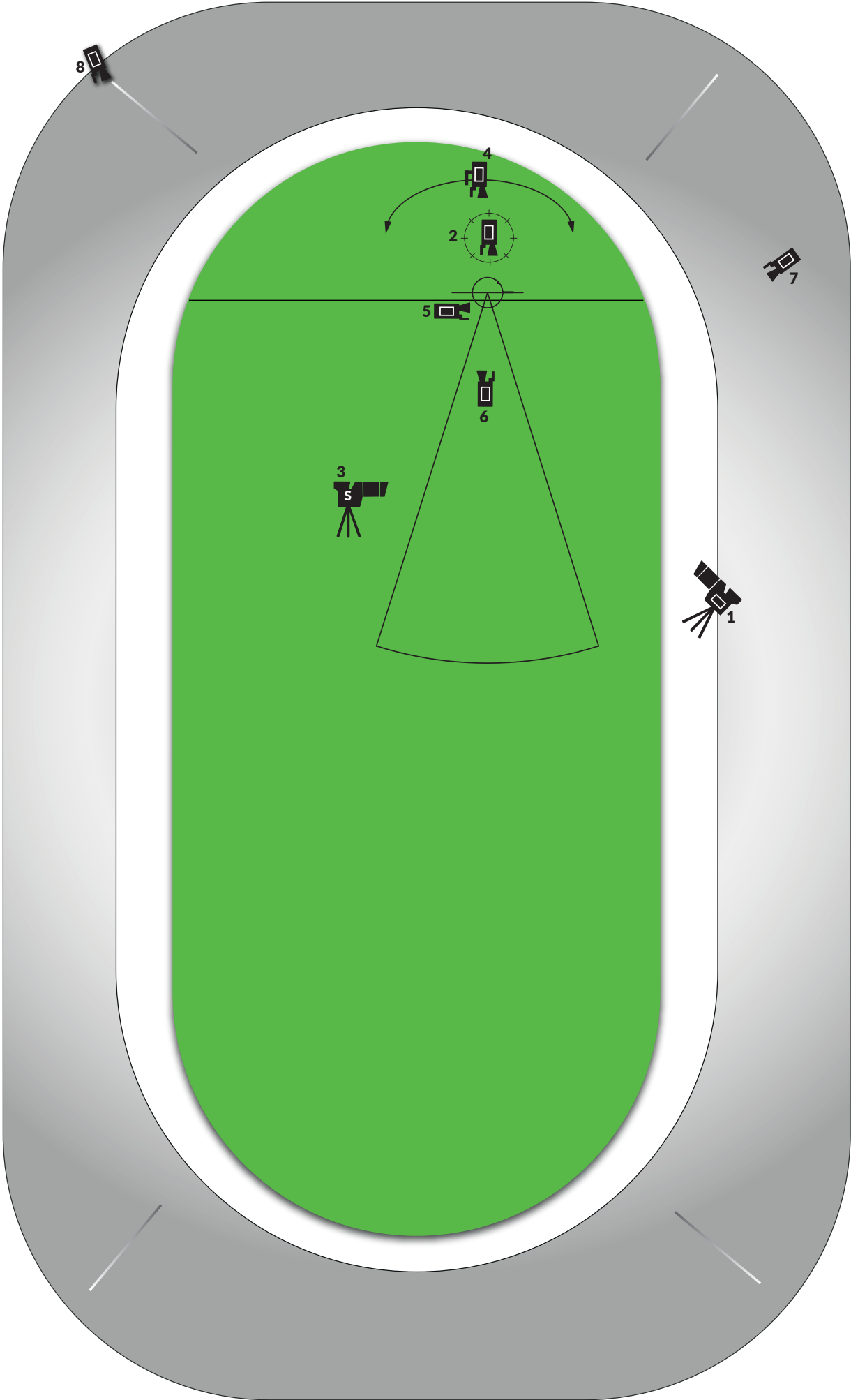
Dates: 25 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
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Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|--------------------|--------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| 1 | Hardcam | 86-1 | In stadium seats In line with the landing area on the north jump pit - shared with triple/ long jump | Wide master shot - virtual graphics camera |
| 2 | Vertical track | 11-1 | Track at the end of the throwing area | Alternative coverage or replay coverage |
| 3 | Super Slow Motion | 86-1 | Positioned by each discipline | Main replay and close up |
| 4 | Handheld RF | 11-1 | Positioned by each discipline | Hand held for competitors around bench holding area |
| 5 | Handheld Unmanned | 8-1 | Along foul line / board for each discipline | Close up of foul throws |
| 6 | Handheld Un manned | 8-1 | In landing area facing the thrower | Head on replay of throw at release |
| 7 | Hothead | 11-1 | Stadium roof walkway over 200m start in line with back straight | High coverage over Stadium |
| 8 | Handheld Unmanned | Stadium lens | Fixed in corner of stadium | Beauty shot of stadium |

Camera Plan



ATHLETICS – MARATHON

Dates: 26 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | M | M | | | | | | | |

VENUE FACTS

Start and Finish: Gelora Bung Karno Main Stadium

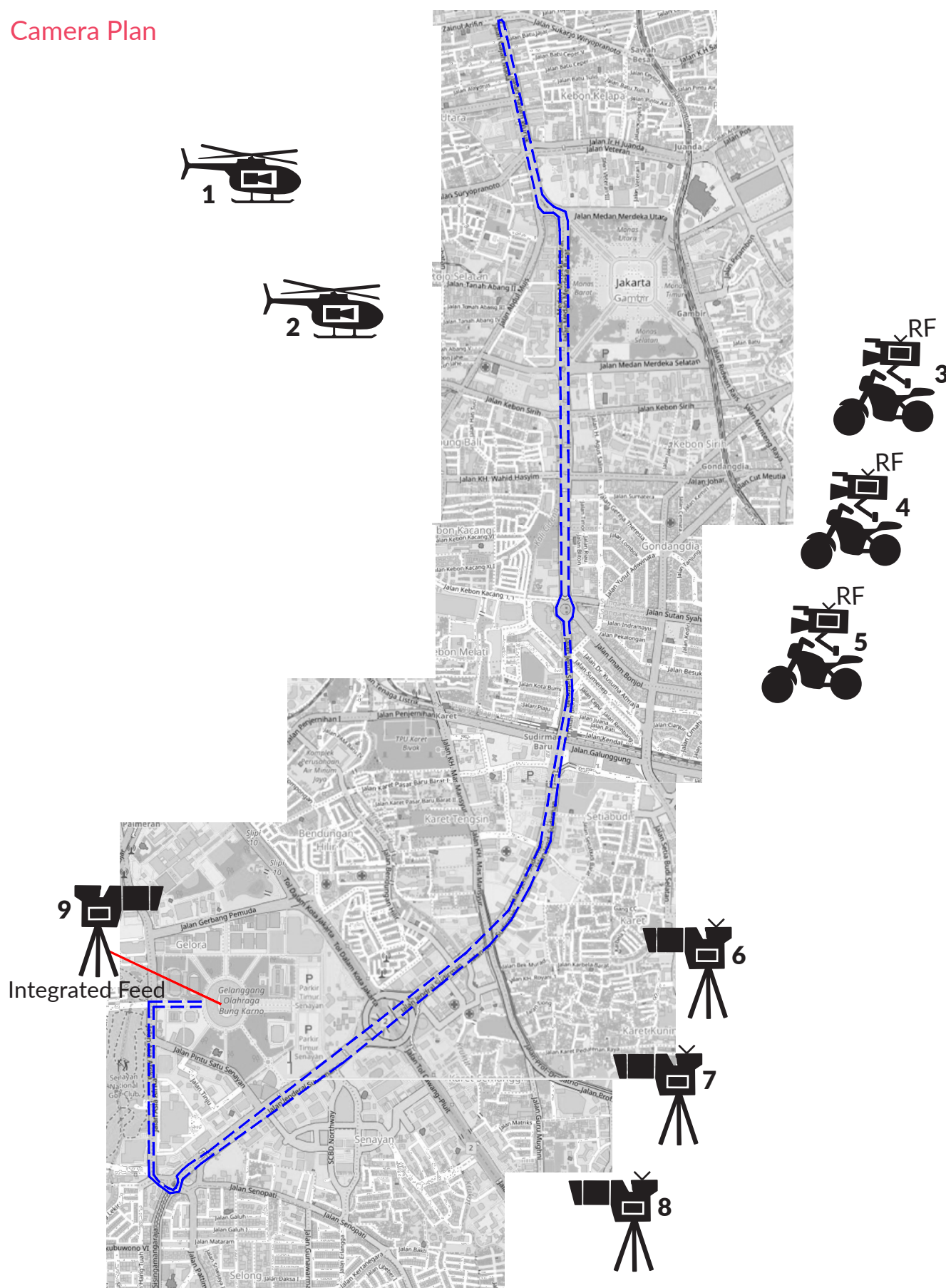
Cluster: Jakarta Two

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|--------------------------------------------|------|--------------------------------------|-------------------------------------------------------------|
| 1 | Cineflex | 33-1 | On helicopter | Ariel shots of race |
| 2 | Cineflex | 33-1 | On helicopter | Ariel shots of race |
| 3 | Hand held on Steadycam - RF | 20-1 | On Bike One | Tracking race coverage |
| 4 | Hand held on Steadycam - RF | 20-1 | On Bike Two | Tracking race coverage |
| 5 | Hand held on Steadycam - RF | 20-1 | On Bike Three | Tracking race coverage |
| 6 | Handheld Fixed Link RF | 20-1 | Stationary points around race routes | Fixed camera coverage from selected positions on race route |
| 7 | Handheld Fixed Link RF | 20-1 | Stationary points around race routes | Fixed camera coverage from selected positions on race route |
| 8 | Handheld Fixed Link RF | 86-1 | Stationary points around race routes | Fixed camera coverage from selected positions on race route |
| 9 | Feed from Integrated unit covering Stadium | | All Cameras in Stadium | All Stadium activity |



Camera Plan



BADMINTON

Dates: 19 August to 28 August

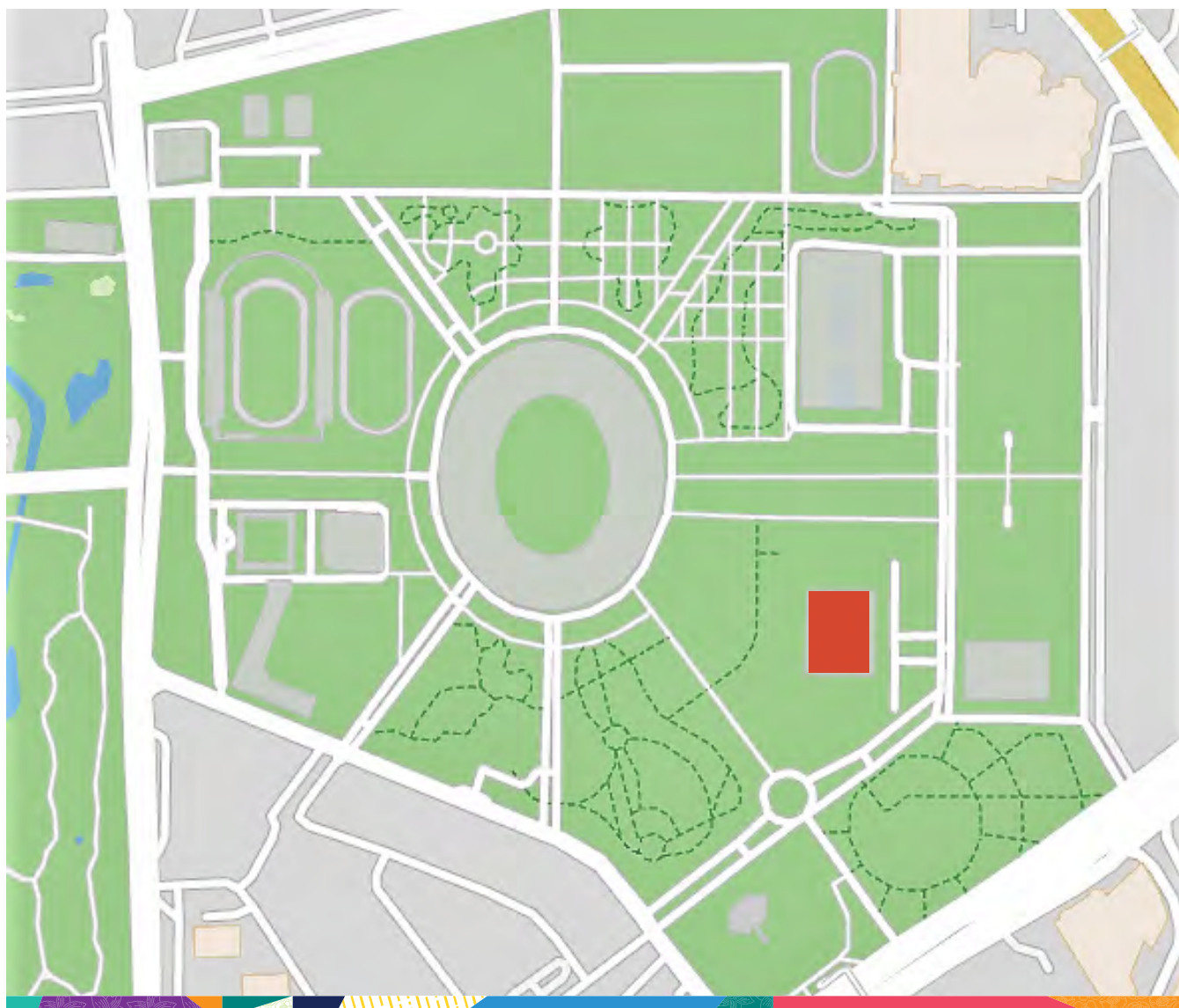
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
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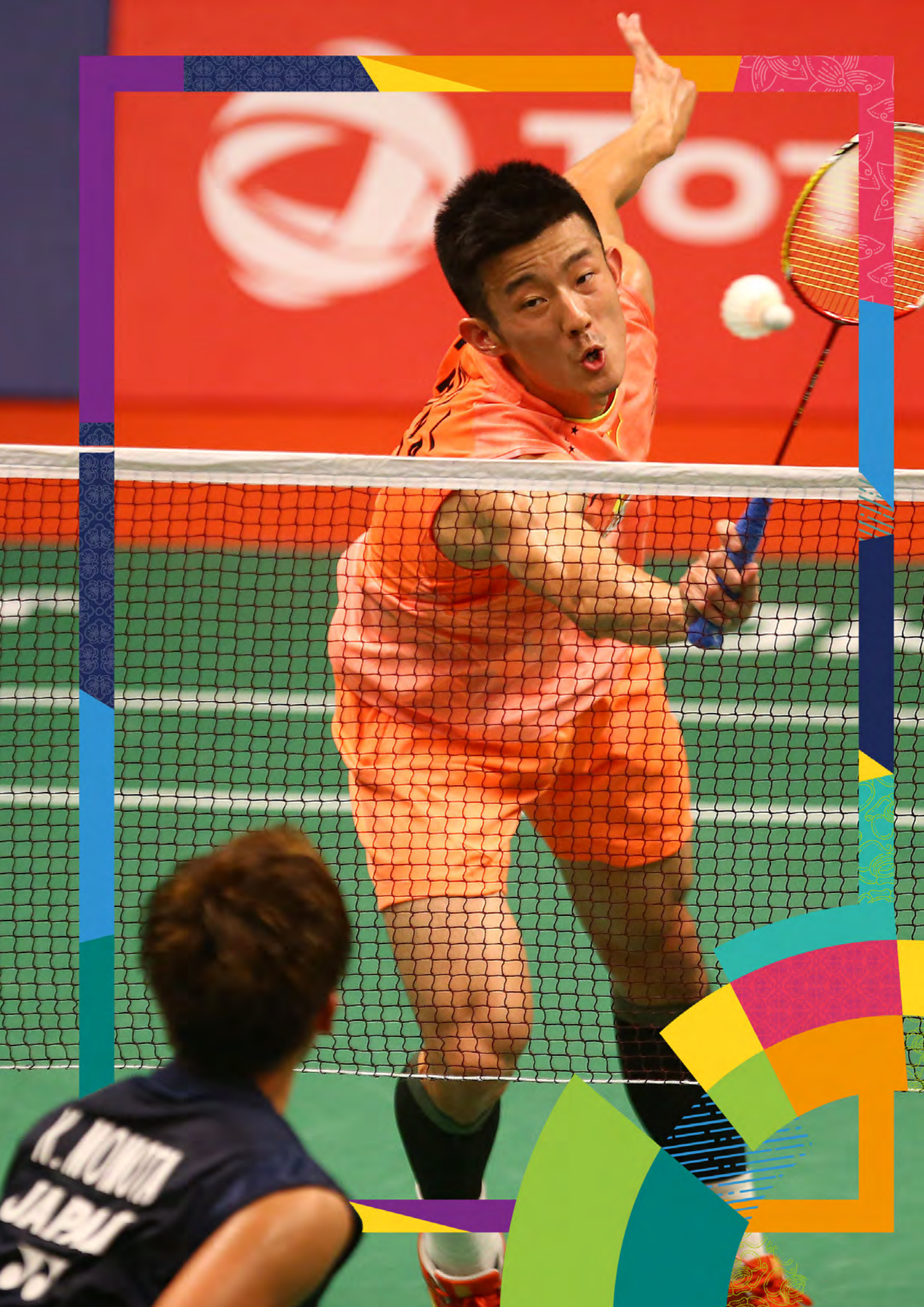
VENUE FACTS

Venue: GBK Istora

Cluster: Jakarta One

Address: Jalan Jend. Sudirman, Senayan, RT.1/RW.3, Gelora, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 10270

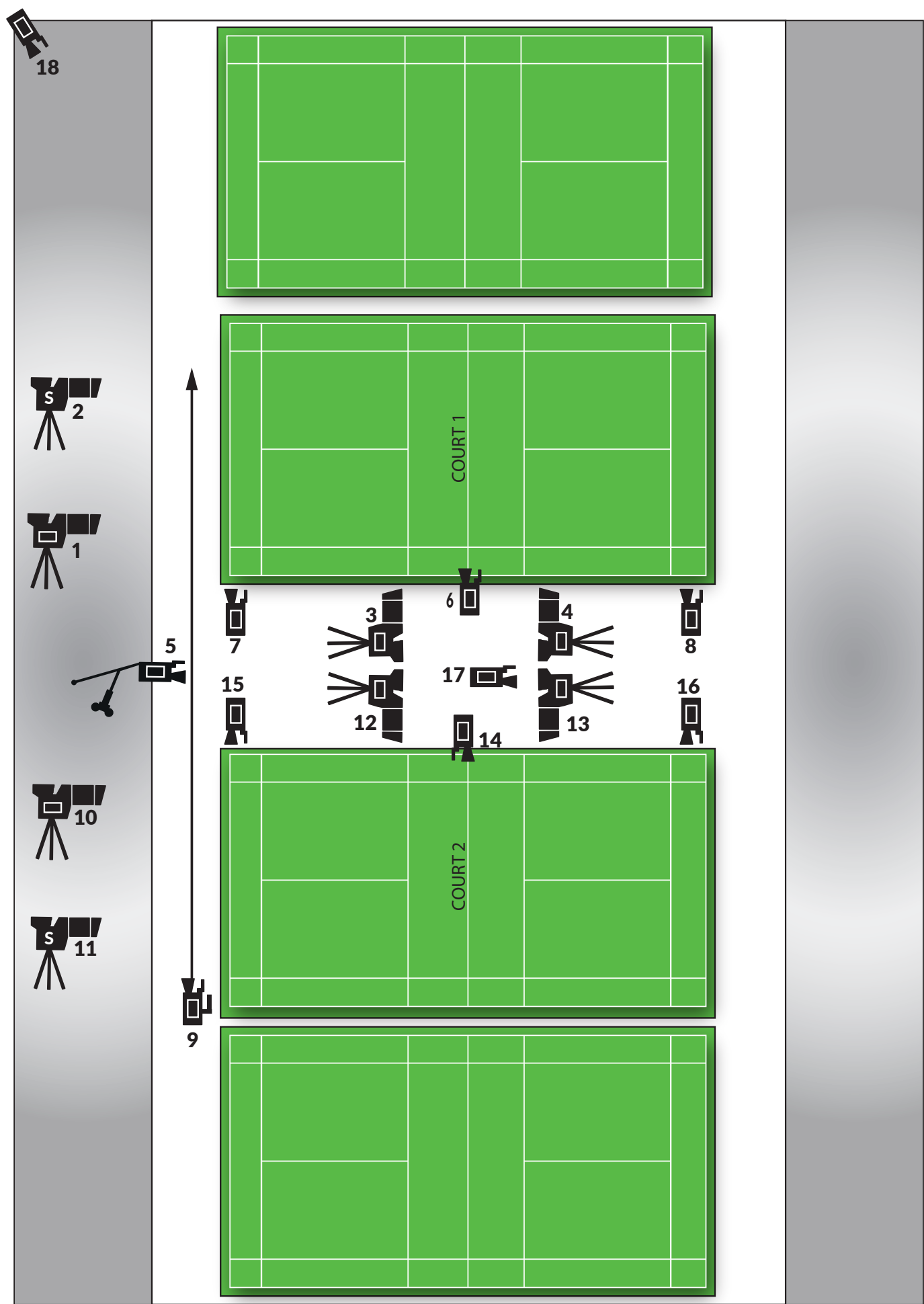




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|------|------------------------------------------------|----------------------------------------------|
| 1 | Hardcam | 86-1 | Platform - Facing VIP centred to TV court one | Main master wide coverage shot |
| 2 | Super Slow Motion | 86-1 | Platform - Facing VIP centred to TV court one | Super slow motion replay coverage |
| 3 | Hardcam Rolling Base | 20-1 | On floor at side of court - near side of net | Player close ups |
| 4 | Hardcam Rolling Base | 20-1 | On floor at side of court - far side of net | Player close ups |
| 5 | Handheld on 6m Camera Jib | 11-1 | On floor at the corner of the court | Alternative master shot |
| 6 | Mini Cam | W/A | At the end of the net - court one | Replays of net play |
| 7 | Mini Cam | 14-1 | On floor at side of court - nearside base line | Replays of line decisions |
| 8 | Mini Cam | 14-1 | On floor at side of court - far end base line | Replays of line decisions |
| 9 | Handheld RF | 11-1 | On the floor area | Close up coverage |
| 10 | Hardcam Rolling Base | 20-1 | Platform - Facing VIP centred to TV court two | Main master wide coverage shot |
| 11 | Super Slow Motion | 86-1 | Platform - Facing VIP centred to TV court two | Super slow motion replay coverage |
| 12 | Hardcam Rolling Base | 20-1 | On floor at side of court 2 - nearside of net | Player close ups |
| 13 | Hardcam Rolling Base | 20-1 | On floor at side of court 2 - farside of net | Player close ups |
| 14 | Mini Cam | W/A | At the end of the net - court 2 | Replays of net play |
| 15 | Mini Cam | 14-1 | On floor at side of court - nearside base line | Replays of line decisions |
| 16 | Mini Cam | 14-1 | On floor at side of court - far end base line | Replays of line decisions |
| 17 | Hothead | 20-1 | Centred over court on walkway | Shot looking down on both courts |
| 18 | Handheld Unmanned | W/A | Scaffold mount on truss left side of hall | Fixed beauty shot over Main and Second court |

Camera Plan



BASEBALL

Dates: 26 August to 1 September

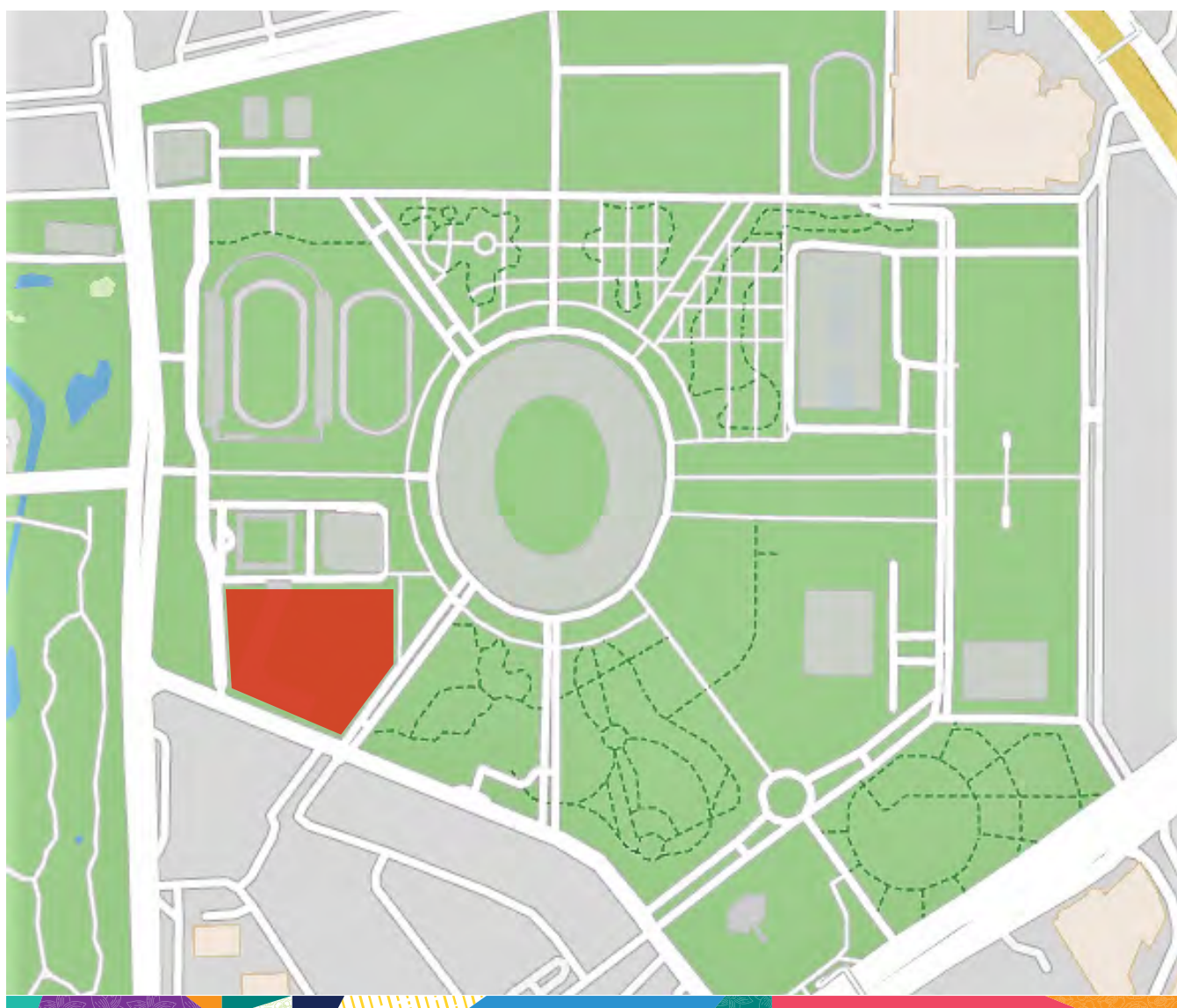
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
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VENUE FACTS

Venue: GBK Baseball Field

Cluster: Jakarta One

Address: Jalan Pintu Satu Senayan, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

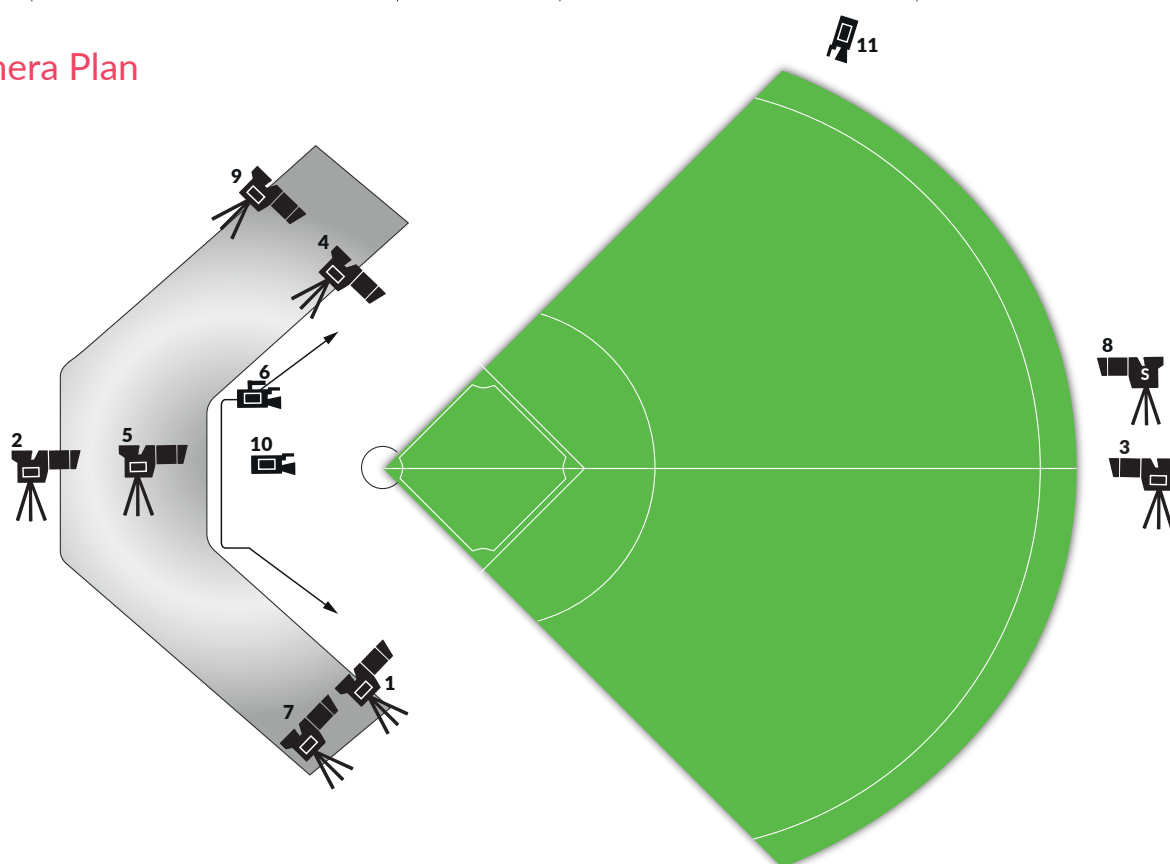




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|----------------------------------------------------------|-------------------------------------|
| 1 | Hardcam | 86-1 | Low, first base dugout. In fenced off area near bench. | Right handed |
| 2 | Hardcam | 86-1 | Scaffold from the ground to under height of VIP roof | Master shot, ball flight |
| 3 | Hardcam | 86-1 | Centre field next to edge of sight screen on 5m platform | Batter/pitcher shot |
| 4 | Hardcam | 86-1 | Low, third base dugout in fenced off area by bench | Left-handed |
| 5 | Hardcam | 86-1 | Low behind catcher | Pitch close-up |
| 6 | Handheld | 11-1 | Roving handheld | First, third, dugout |
| 7 | Hardcam | 86-1 | High first base on 6m platform | Ball flight, Base runners |
| 8 | Super Slow Motion | 86-1 | Centre field next to edge of sight screen on 5m platform | Pitcher, Batter, close-ups, replays |
| 9 | Hardcam | 86-1 | High third base on 6m platform | Ball flight, Base runners |
| 10 | Mini single chip | 8-1 | Umpire Shoulder Camera | Pitch location |
| 11 | Handheld Unmanned | 8-1 | High on light pole on far left corner of field | Beauty Shot |

Camera Plan



BASKETBALL 3X3

Dates: 21 August to 26 August

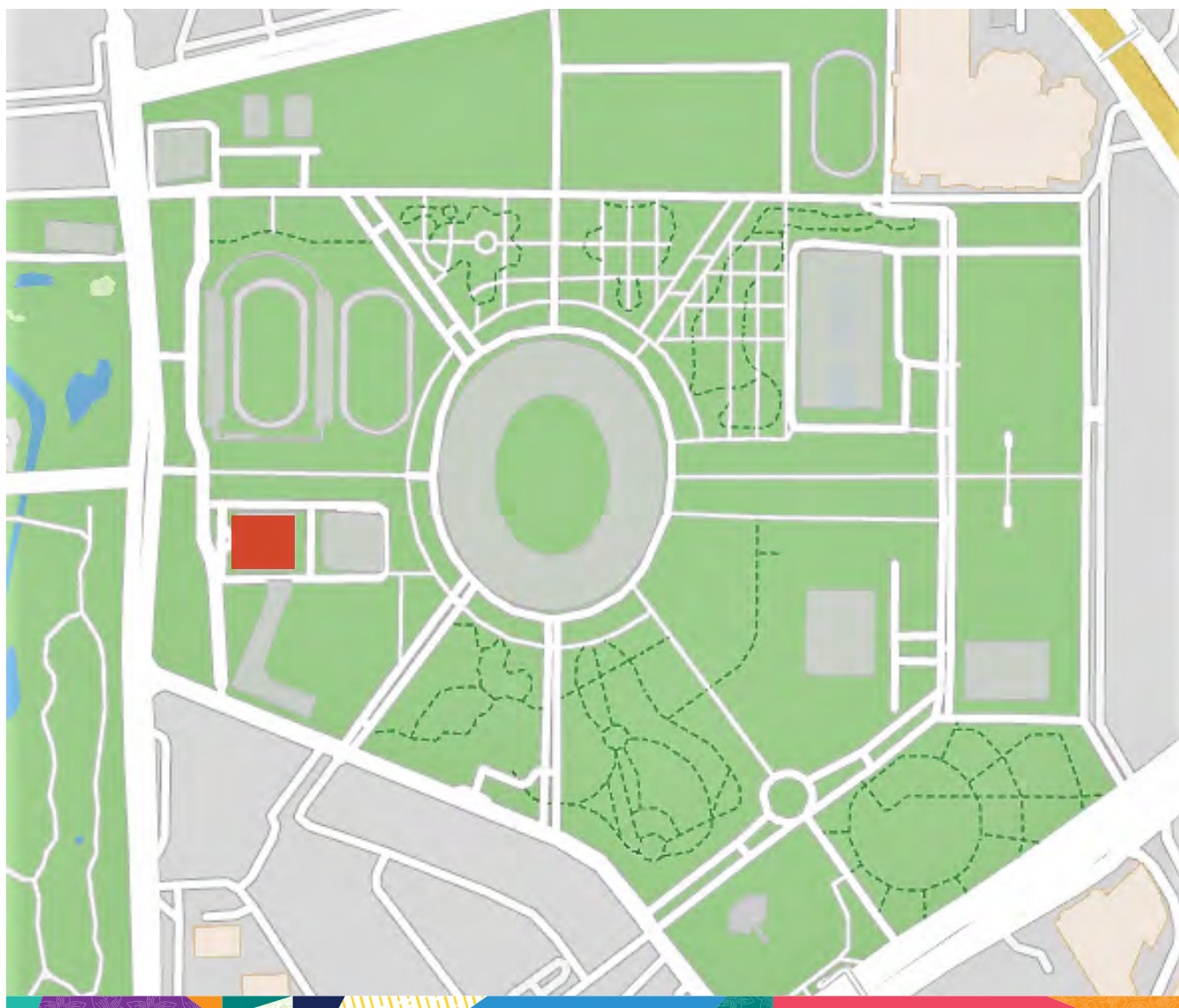
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | • | • | • | • | • | M | | | | | | | |

VENUE FACTS

Venue: GBK Tennis Outdoor

Cluster: Jakarta One

Address: Jalan Pintu Gelora 1 No.B, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

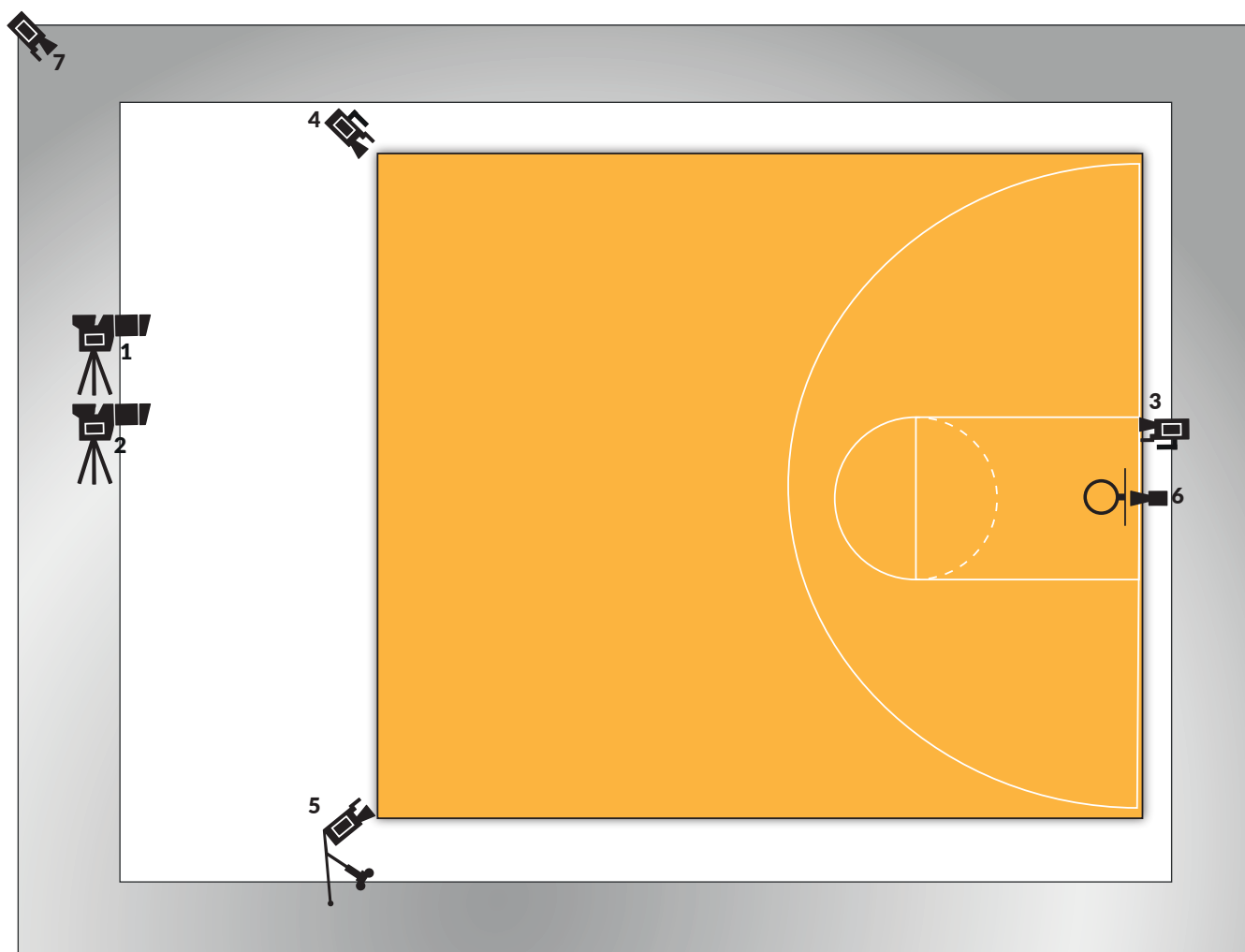




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|--------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 1 | Hardcam | 86-1 | Facing court to right of VIP leveled to 3rd row seats 10-14 in line with the left sideline of the FOP | Wide main game play by play |
| 2 | Hardcam | 86-1 | As Above | Tight close up |
| 3 | Handheld | 20-1 | Behind the basket | Under goal action, iso replay, player intros |
| 4 | Handheld | 20-1 | Court level directly across basket | Frontal action, iso replay, player intros and awarding |
| 5 | Handheld on Jib | 20-1 | Right corner | Under basket, iso replay, player intros |
| 6 | Mini Cam | 8-1 | Behind backboard | Close up of action close to the rim |
| 7 | Handheld Unmanned | 13-4.5 | Right corner on top of the roof | Fixed beauty shot |

Camera Plan



BASKETBALL 5X5

Dates: 14 August to 1 September

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
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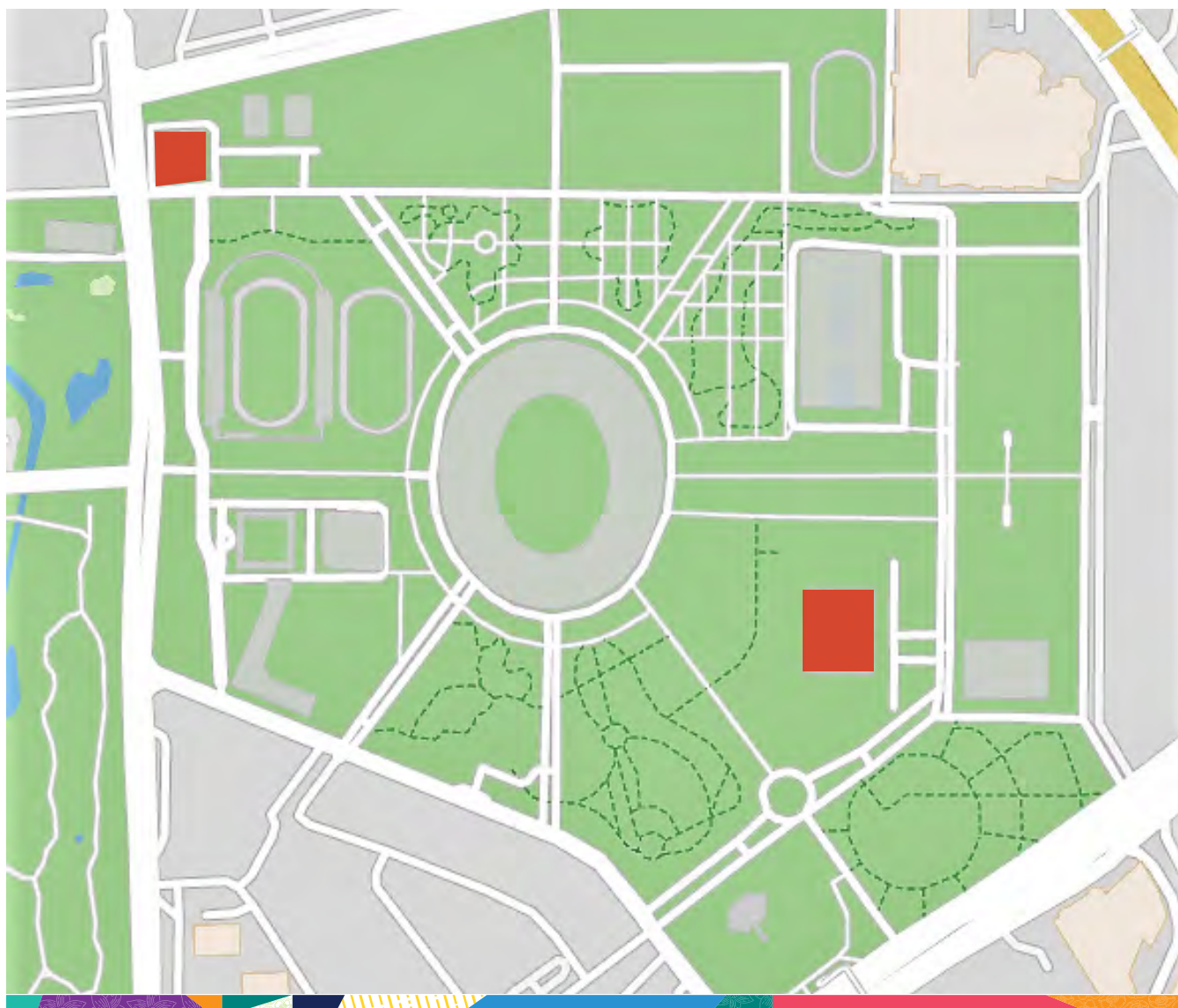
VENUE FACTS

Venue: GBK Basketball Hall A and Istora

Cluster: Jakarta One

Address: Basketball Hall A — Jalan Pintu 8 Gelora Bung Karno, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 10270

Istora — Jalan Jend. Sudirman, Senayan, RT.1/RW.3, Gelora, Kota Jakarta Selatan, Daerah Khusus Ibukota Jakarta 10270





| | | |
|----------------|---|---|
| 11 DAS DORES | 1 | 0 |
| 15 DE AMARILHO | 1 | 0 |
| 17 DA COSTA | 1 | 0 |
| 20 BINSASA | 1 | 0 |
| 23 ALVES | 1 | 0 |
| 20 AMARILHO | 1 | 0 |
| 20 PEREIRA | 1 | 0 |
| 15 DAS NEVES | 1 | 0 |
| MARTINS | 1 | 0 |
| JMARRAES | 1 | 0 |
| JMARRAL | 1 | 0 |
| DAVES | 1 | 0 |

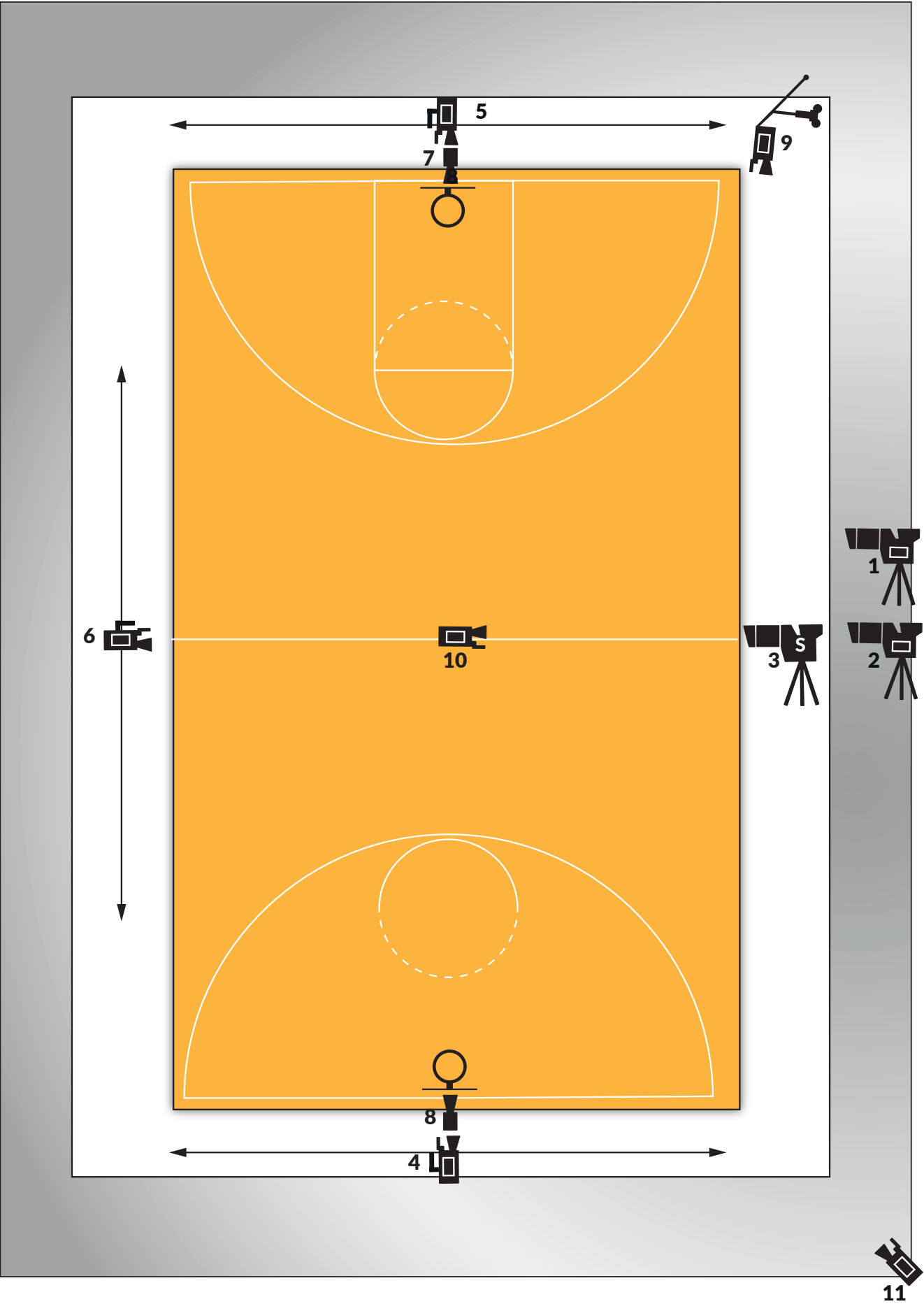
| | | | |
|----|---|---|---|
| 1 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 |

| | | | |
|----|---|---|---|
| 1 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 |

Camera Narrative (Hall A)

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | Platform - 22 ft high - 20ft from edge of court facing VIP. Positioned centrally on half way line. | Wide master coverage |
| 2 | Hardcam | 86-1 | As above - to the right of Camera 1 | Tight close up coverage |
| 3 | Hardcam Super Slow Motion | 20-1 | Positioned low by to the edge of the court on the centre line on an orbiter or low tripod | Ball follow replay coverage |
| 4 | Handheld | 20-1 | Behind left hand basket | Coverage of play under basket, time outs, introductions and medal ceremonies |
| 5 | Handheld | 20-1 | Behind right hand basket | Coverage of play under basket, time outs, introductions and medal ceremonies |
| 6 | Handheld | 8-1 | Roaming around court | Coverage of all play, benches under basket, time outs, introductions and medal ceremonies |
| 7 | Mini Cam | 8-1 | Behind left backboard | Shots through backboard |
| 8 | Mini Cam | 8-1 | Behind right backboard | Shots through backboard |
| 9 | 6m Camera Jib | 20-1 | In right hand bottom corner of court | Jib in corner coverage |
| 10 | Hothead | 20-1 | In central circular truss above the centre circle | Overhead shot of the tip off |
| 12 | Handheld Unmanned | Wide | In corner of hall | Fixed beauty shot over Main and Second court |

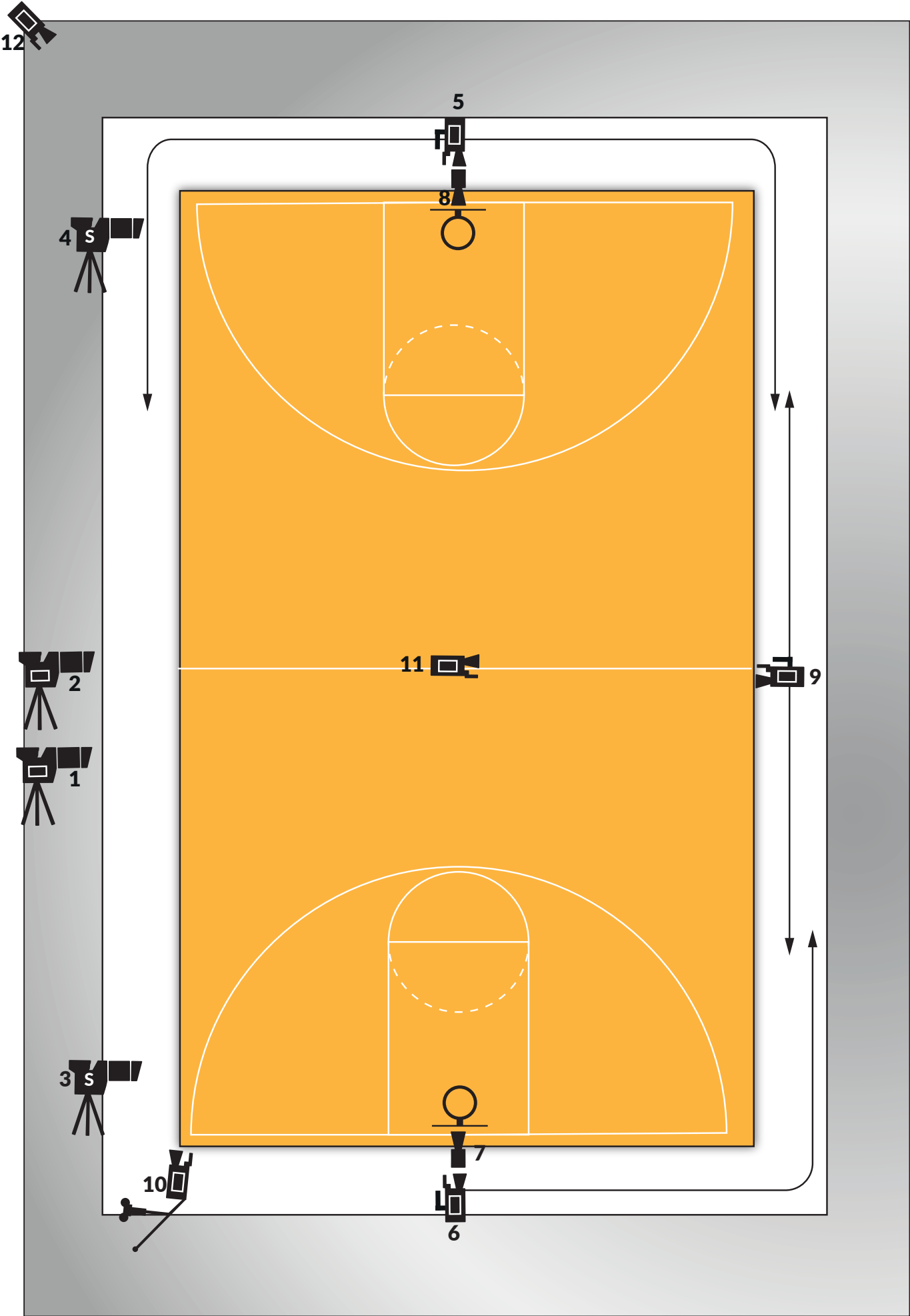
Camera Plan



Camera Narrative (Istora)

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | 7 steps up from the ledge of Exit 5 – view of centre line | Wide master coverage |
| 2 | Hardcam | 86-1 | As above - to the right of Camera 1 | Tight close up coverage |
| 3 | Hardcam Super Slow Motion | 20-1 | Positioned low in left hand stand. 2m from end line | Player close ups |
| 4 | Hardcam Super Slow Motion | 20-1 | Positioned low in right hand stand. 2m from end line | Player close ups |
| 5 | Handheld | 20-1 | Behind right hand basket | Coverage of play under basket, time outs, introductions and medal ceremonies |
| 6 | Handheld | 20-1 | Behind left hand basket | Coverage of play under basket, time outs, introductions and medal ceremonies |
| 7 | Mini Cam | 8-1 | Behind left backboard | Shots through backboard |
| 8 | Mini Cam | 8-1 | Behind left backboard | Shots through backboard |
| 9 | Handheld | 8-1 | Roaming around court | Coverage of all play, benches under basket, time outs, introductions and medal ceremonies |
| 10 | 6m Camera Jib | 20-1 | In right hand bottom corner of court | Jib in corner coverage |
| 11 | Hothead | 20-1 | In central circular truss above the centre circle | Overhead shot of the tip off |
| 12 | Handheld Unmanned | Wide | In corner of hall | Fixed beauty shot over Main and Second court |

Camera Plan



BOWLING

Dates: 22 August to 27 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | • | M | • | M | • | M | | | | | | |

VENUE FACTS

Venue: JSC Bowling Center

Cluster: Palembang

Address: Silaberanti, Seberang Ulu I, Palembang City, South Sumatra 30267

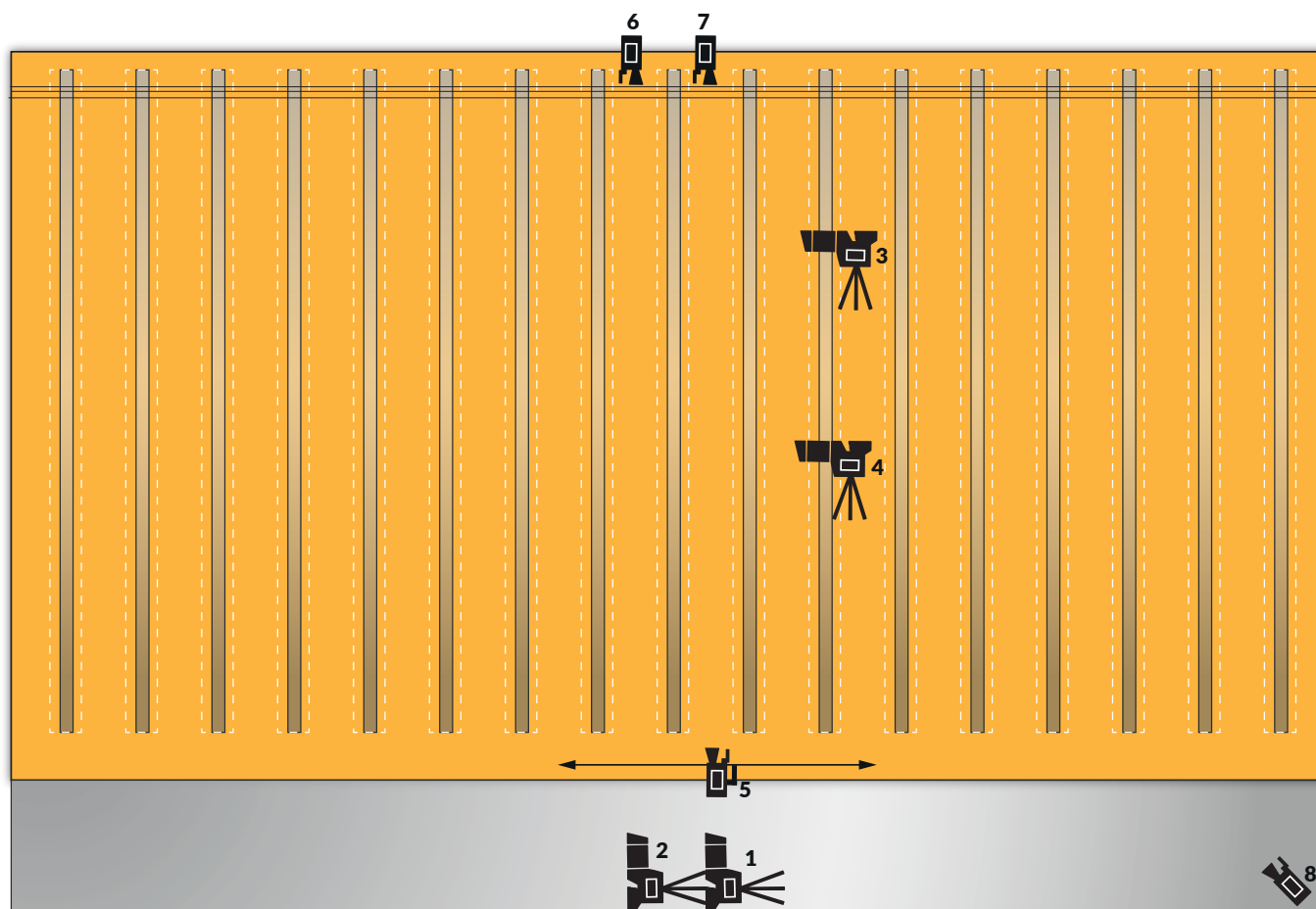




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|----------------------------------------------------------|---------------------------------------------------------------|
| 1 | Hardcam | 20-1 | Over right shoulder of bowler on left lane on 80cm riser | Master wide of lane one |
| 2 | Hardcam | 86-1 | To the right of camera 1 on 80cm riser | Close ups of lane 19 and 20 |
| 3 | Hardcam | 20-1 | To the right of lane 19 and 20 on spare lane 22 | Close ups of bowler in lane 1 |
| 4 | Hardcam | 20-1 | To the right of lane 19 and 20 on spare lane 22 | Head to toe shots of bowler |
| 5 | Handheld | 11-1 | Behind the bowlers | General shots of crowd, medal ceremonies, introductions, etc. |
| 6 | Handheld Unmanned | 8-1 | Close to pins - lane 19 | Tight shot of pins - lane 19 |
| 7 | Handheld Unmanned | 8-1 | Close to pins - lane 20 | Tight shot of pins - lane 20 |
| 8 | Handheld Unmanned | 8-1 | Right corner of top tier | Fixed beauty shot over centre |

Camera Plan



BOXING

Dates: 24 August to 1 September

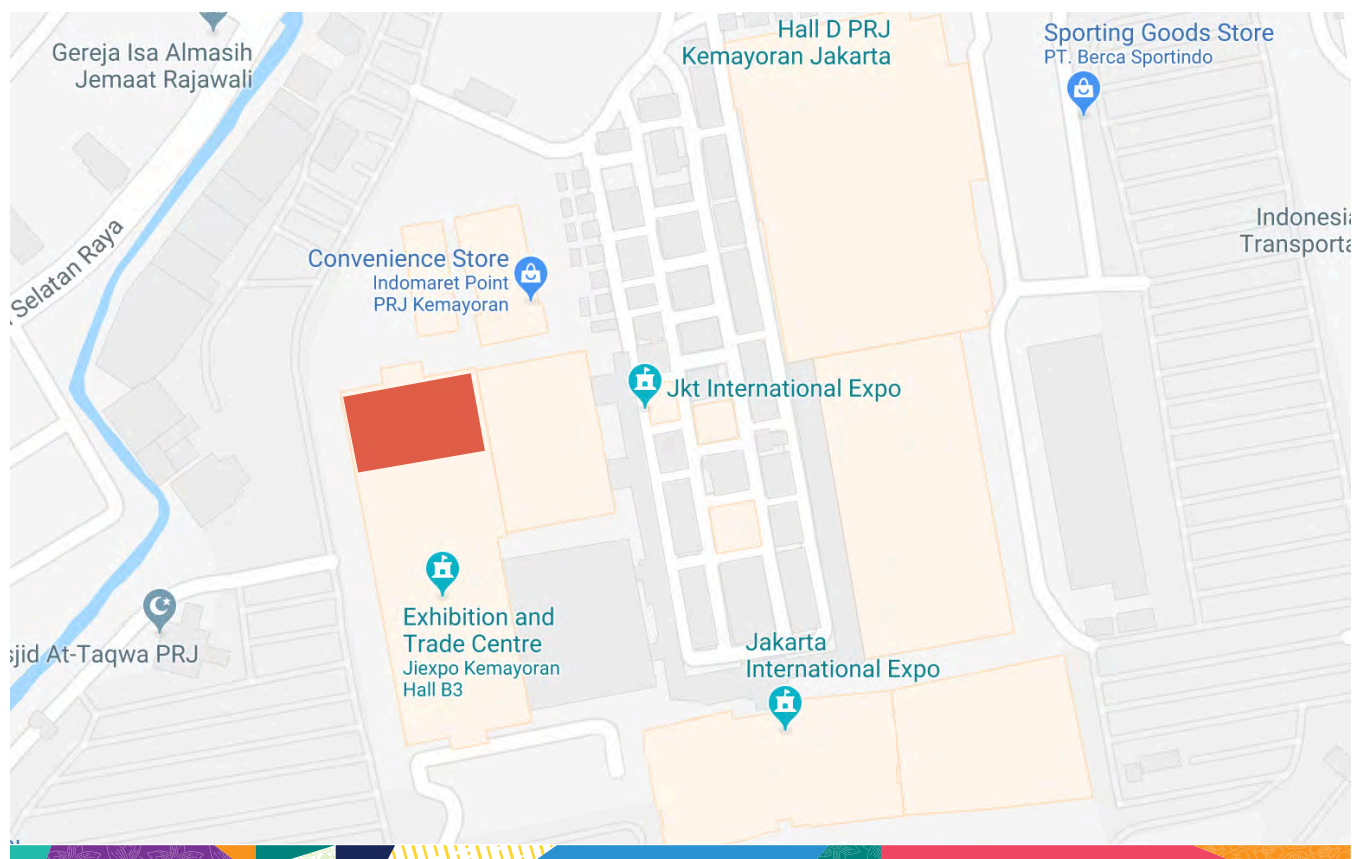
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | • | • | • | • | • | • | | • | M | |

VENUE FACTS

Venue: JiExpo Kemayoran Hall C

Cluster: Jakarta Two

Address: JIEXPO Kemayoran, Jalan Benyamin Sueb No.1, Pademangan Timur, Kota Tua, Jakarta Pusat, Daerah Khusus Ibukota Jakarta 14410

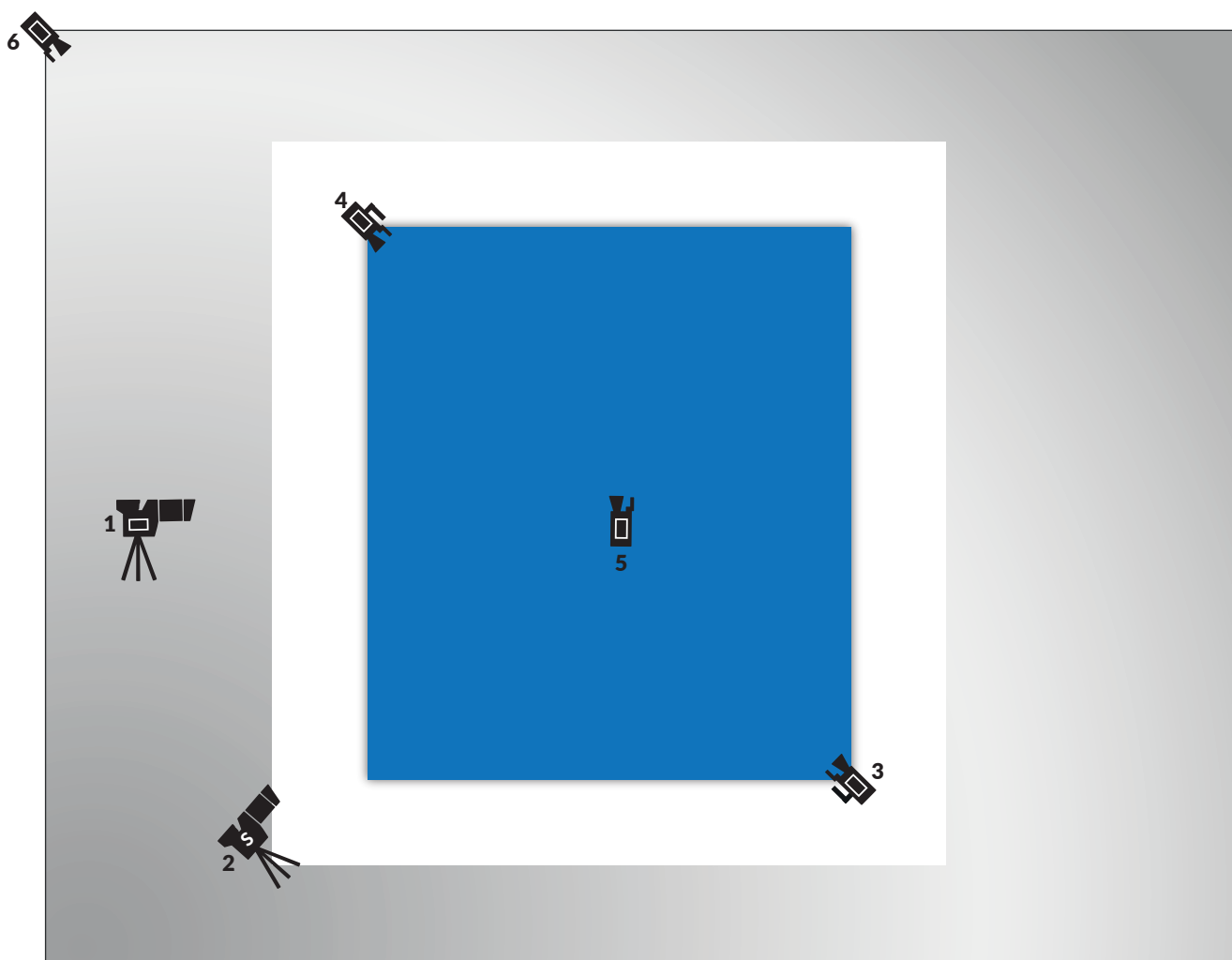




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|--------------------------------------------|----------------------------------------------|
| 1 | Hardcam | 20-1 | High centred to ring | Main master shot |
| 2 | Super Slow Motion | 86-1 | Diagonal shots of the ring on 1 m platform | Replay tight coverage |
| 3 | Handheld | 11-1 | Ringside and various locations | Ringside, introductions and medal ceremonies |
| 4 | Handheld | 11-1 | Ringside and various locations | Ringside, introductions and medal ceremonies |
| 5 | Hothead | 20-1 | Centred over ring | Overhead coverage, corners and crowd |
| 6 | Handheld Unmanned | 8-1 | In corner of arena | Fixed beauty shot over arena |

Camera Plan



CYCLING – ROAD RACE

Dates: 22 August to 23 September

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | M | M | | | | | | | | | | |

VENUE FACTS

Venue: Roads around Subang

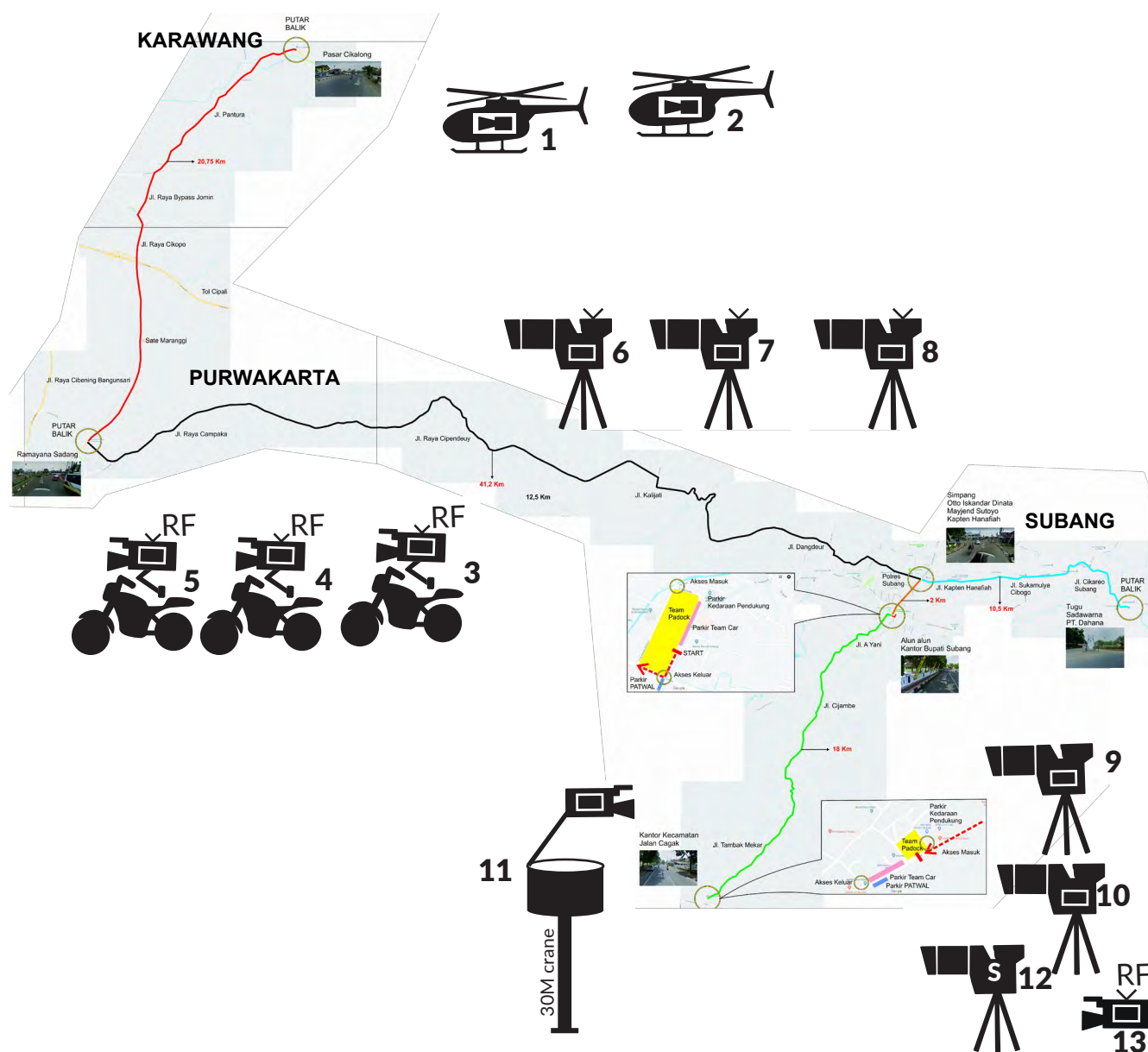
Cluster: Jakarta Suburb

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|--------------------------------|------|--------------------------------------|-------------------------------------------------------------|
| 1 | Cineflex | 33-1 | On helicopter | Ariel shots of race |
| 2 | Cineflex | 33-1 | On helicopter | Ariel shots of race |
| 3 | Handheld on Steadicam - RF | 20-1 | On Bike One | Tracking race coverage |
| 4 | Handheld on Steadicam - RF | 20-1 | On Bike Two | Tracking race coverage |
| 5 | Handheld on Steadicam - RF | 20-1 | On Bike Three | Tracking race coverage |
| 6 | Handheld Fixed Link RF | 20-1 | Stationary points around race routes | Fixed camera coverage from selected positions on race route |
| 7 | Handheld Fixed Link RF | 20-1 | Stationary points around race routes | Fixed camera coverage from selected positions on race route |
| 8 | Handheld Fixed Link RF | 86-1 | Stationary points around race routes | Fixed camera coverage from selected positions on race route |
| 9 | Hardcam | 20-1 | On road leading to finish | First section of finish coverage |
| 10 | Hardcam | 86-1 | On road leading to finish | Second section of finish coverage |
| 11 | Hardcam on Cherry picker crane | 86-1 | 30m past finish line over road | Master finish shot |
| 12 | Super Slow Motion | 86-1 | Near finish line | For replay of final sprint |
| 13 | Handheld - RF | 20-1 | At finish area | Close Ups |



Camera Plan



CYCLING – TRACK

Dates: 27 August to 31 August

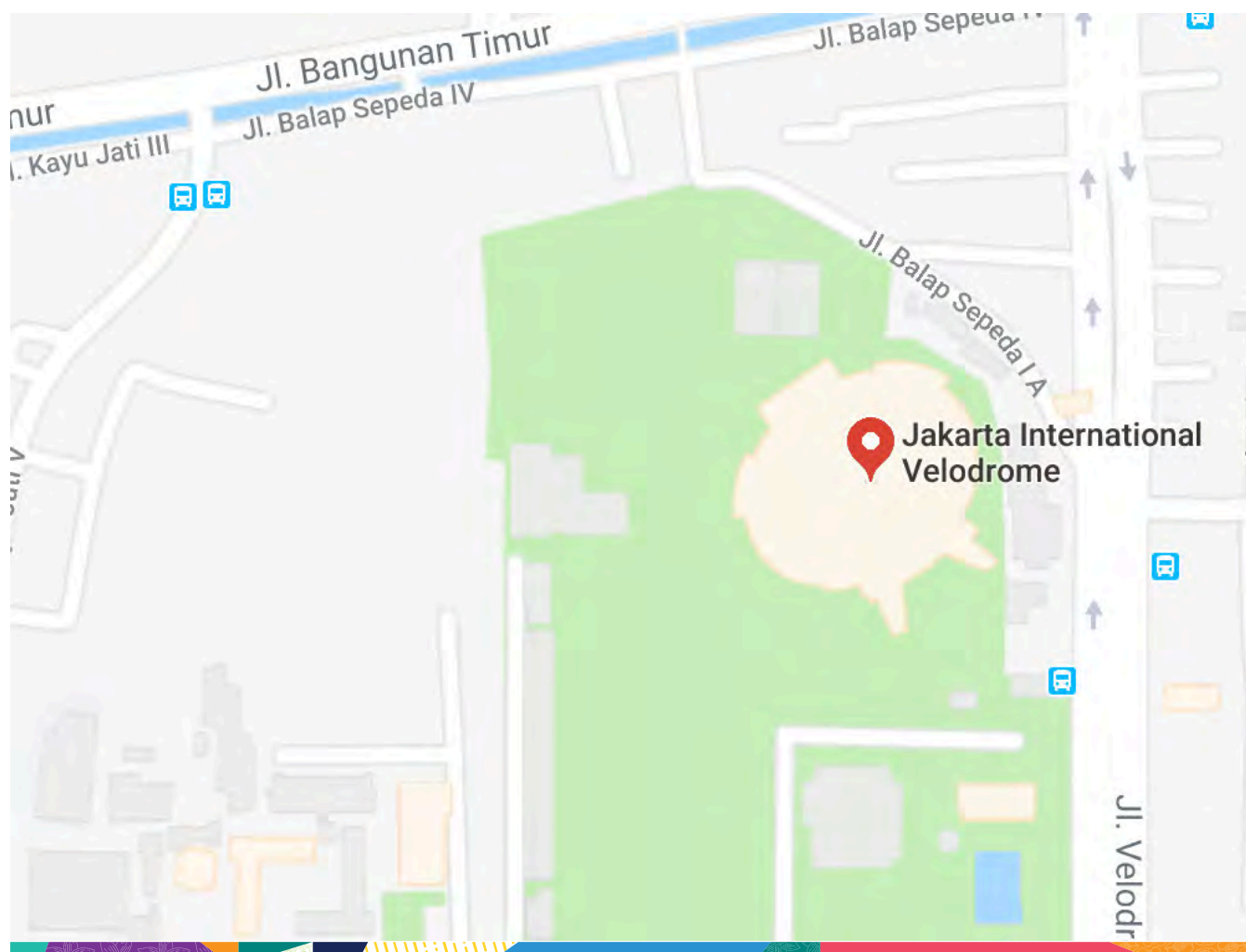
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | | | M | M | M | M | M | | |

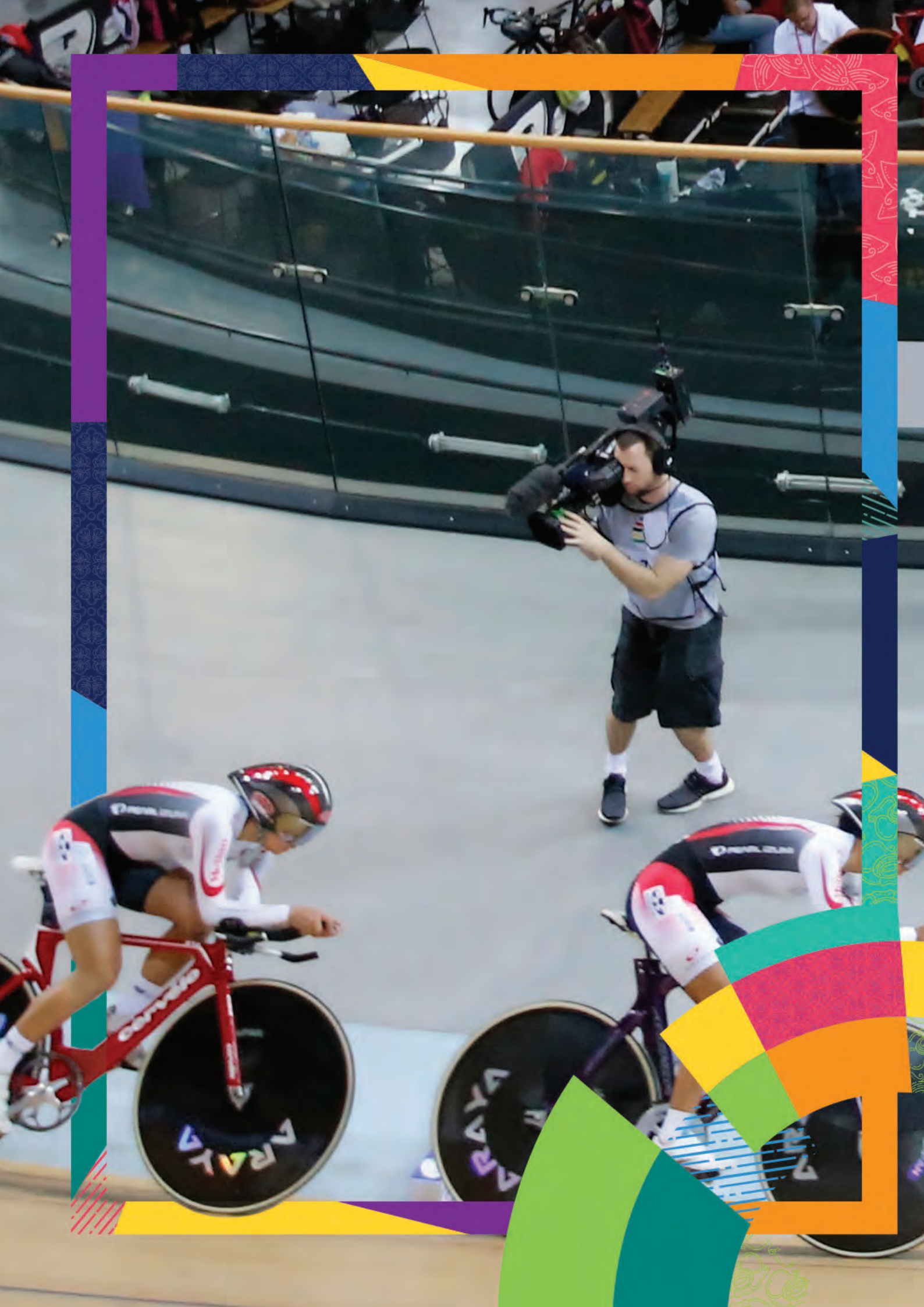
VENUE FACTS

Venue: Jakarta International Velodrome

Cluster: Jakarta Two

Address: Jl. Balap Sepeda No.35, RW.6, Jati, Pulo Gadung, Kota Jakarta Timur, Daerah Khusus Ibukota Jakarta 13220

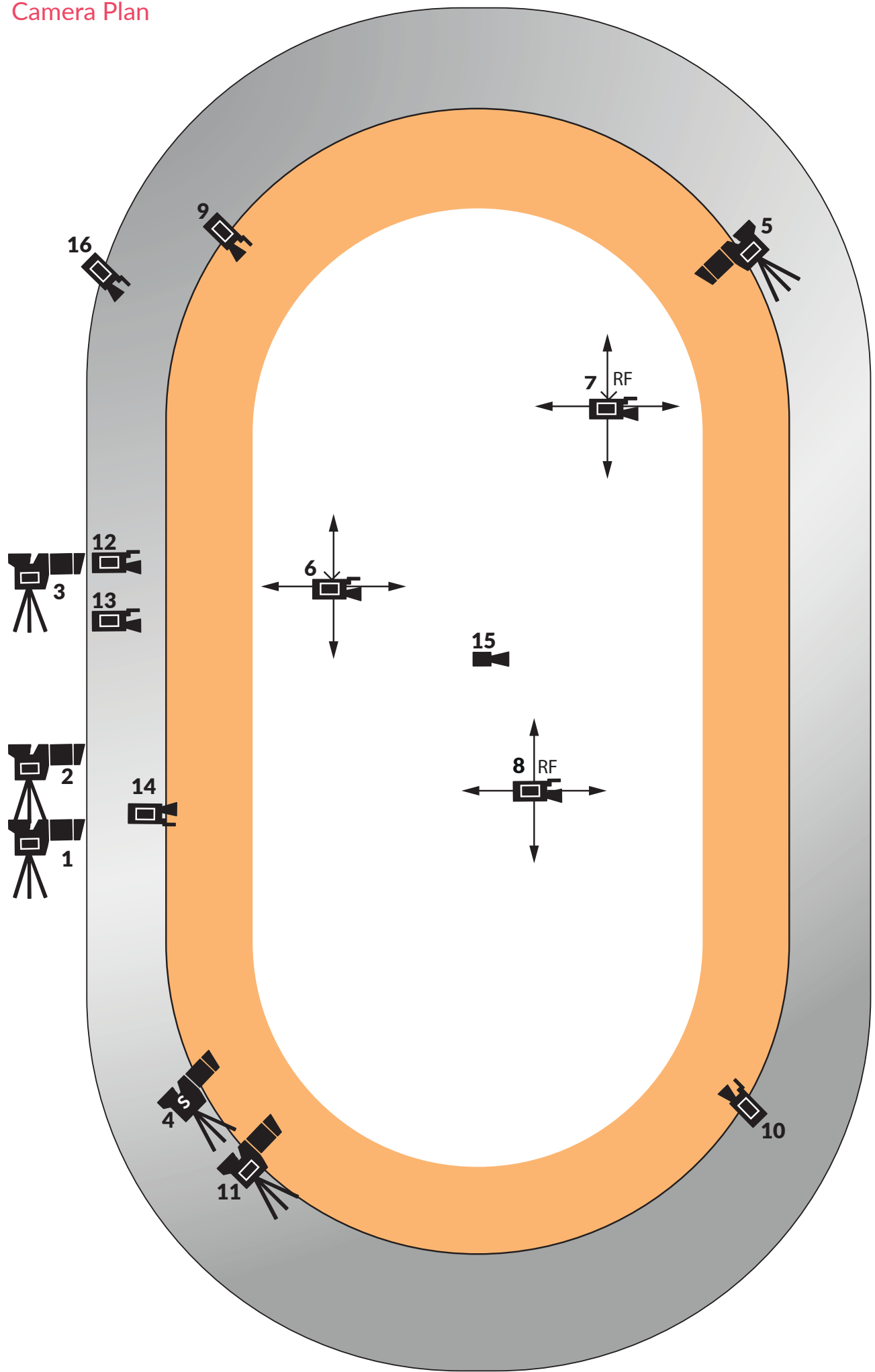




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|----------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 1 | Hardcam | 86-1 | High in stands on gantry/platform in line with Sprint start/finish line | Start/finish and main coverage |
| 2 | Hardcam | 86-1 | High in stands on gantry/platform in line with Sprint start/finish line to left of camera 1 | Close up coverage |
| 3 | Hardcam | 86-1 | High in stands on gantry/ platform in line with Pursuit start/finish line | Start/finish and main coverage Pursuit |
| 4 | Super Slow Motion | 86-1 | Head on to finishing straight, on 2 m platform on balcony (level off platform) | Coverage of first bend and head on to finish |
| 5 | Hardcam | 86-1 | Head on to back straight, on 2 m platform on balcony | Coverage of back straight and third turn coverage |
| 6 | Handheld RF | 14-1 | General coverage in the Veledrome | Close ups, coaches, medal ceremonies, etc. |
| 7 | Handheld RF | 14-1 | General coverage in the Veledrome | Close ups, coaches, medal ceremonies, etc. |
| 8 | Handheld | 23-1 | General coverage in the Veledrome | Close ups, coaches, medal ceremonies, etc. |
| 9 | Handheld Unmanned | Wide | Coverage on turn four, mounted on top of track surround | Coverage and replays |
| 10 | Handheld Unmanned | Wide | Coverage on turn two, mounted on top of track surround | Coverage and replays |
| 11 | Hardcam | 86-1 | At end of turn one on 2 m platform on balcony | Replay close up coverage |
| 12 | Handheld Unmanned | 23-1 | Locked off camera on nearside pursuit start/finish line below cam 3 in stands | Split screen on pursuit start/finish |
| 13 | Handheld Unmanned | 23-1 | Locked off camera on nearside pursuit start/finish line below cam 3 and a set distance from cam 12 | Split screen on pursuit start/finish |
| 14 | Shuttercam | 11-1 | Locked off looking along start/finish line | Replay of finishes |
| 15 | Mini chip | Wide | Overhead centre of velodrome | Complete birds eye view of whole Velodrome |
| 16 | Handheld Unmanned | Wide | In corner of arena | Beauty Shot |

Camera Plan



EQUESTRIAN

Dates: 20 August to 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | M | • | | M | • | • | M | • | M | | M | | | |

Breakdown of Disciplines:

Dressage – 20, 21 & 23 August

Eventing:

- Dressage – 24 August
- Cross Country – 25 August
- Jumping – 26 August

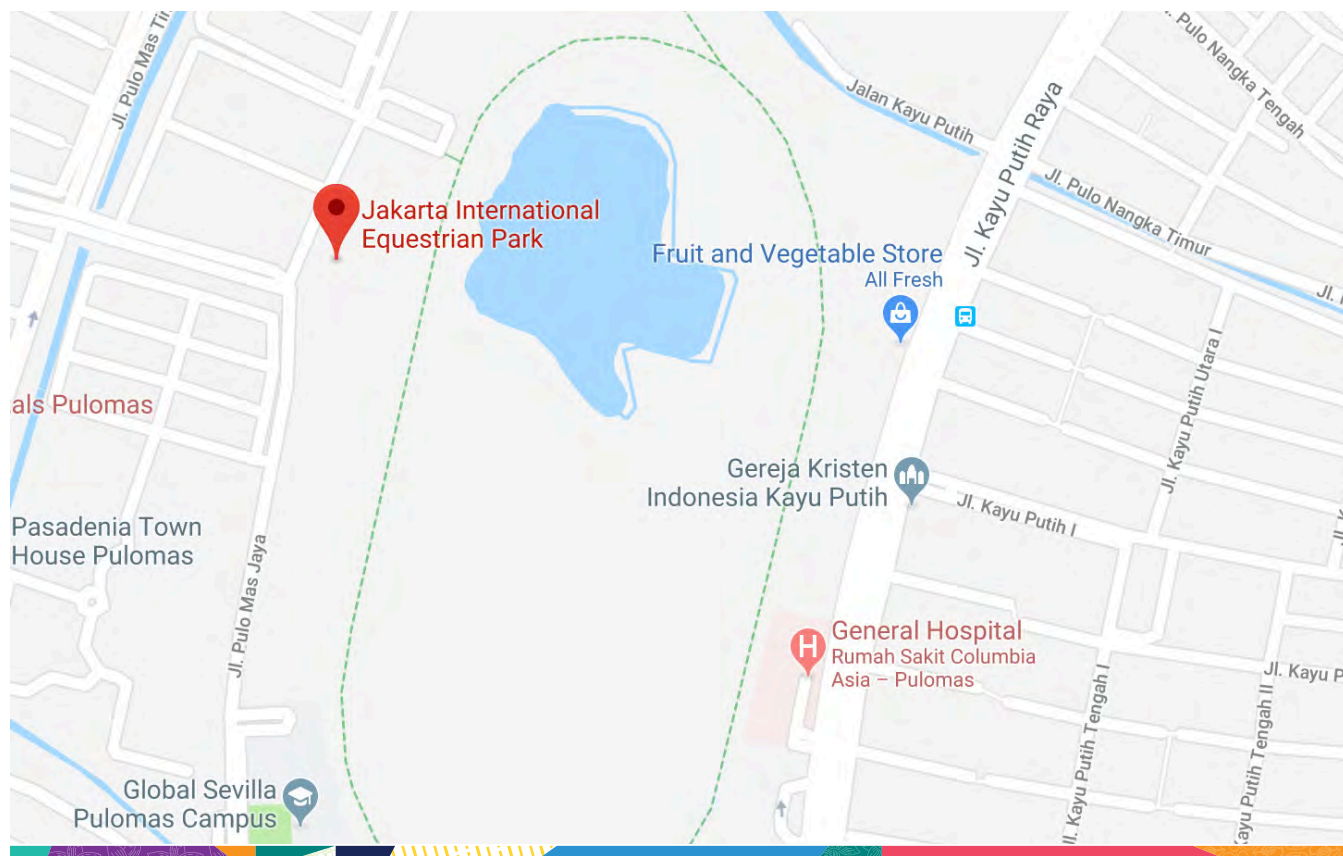
Jumping – 27, 28 & 30 August

VENUE FACTS

Venue: Jakarta International Equestrian Park

Cluster: Jakarta Two

Address: Jalan Pulo Mas Jaya, RT.1/RW.16, Kayu Putih, RW.16, Kayu Putih, Kota Jakarta Timur, Daerah Khusus Ibukota, Jakarta 13210





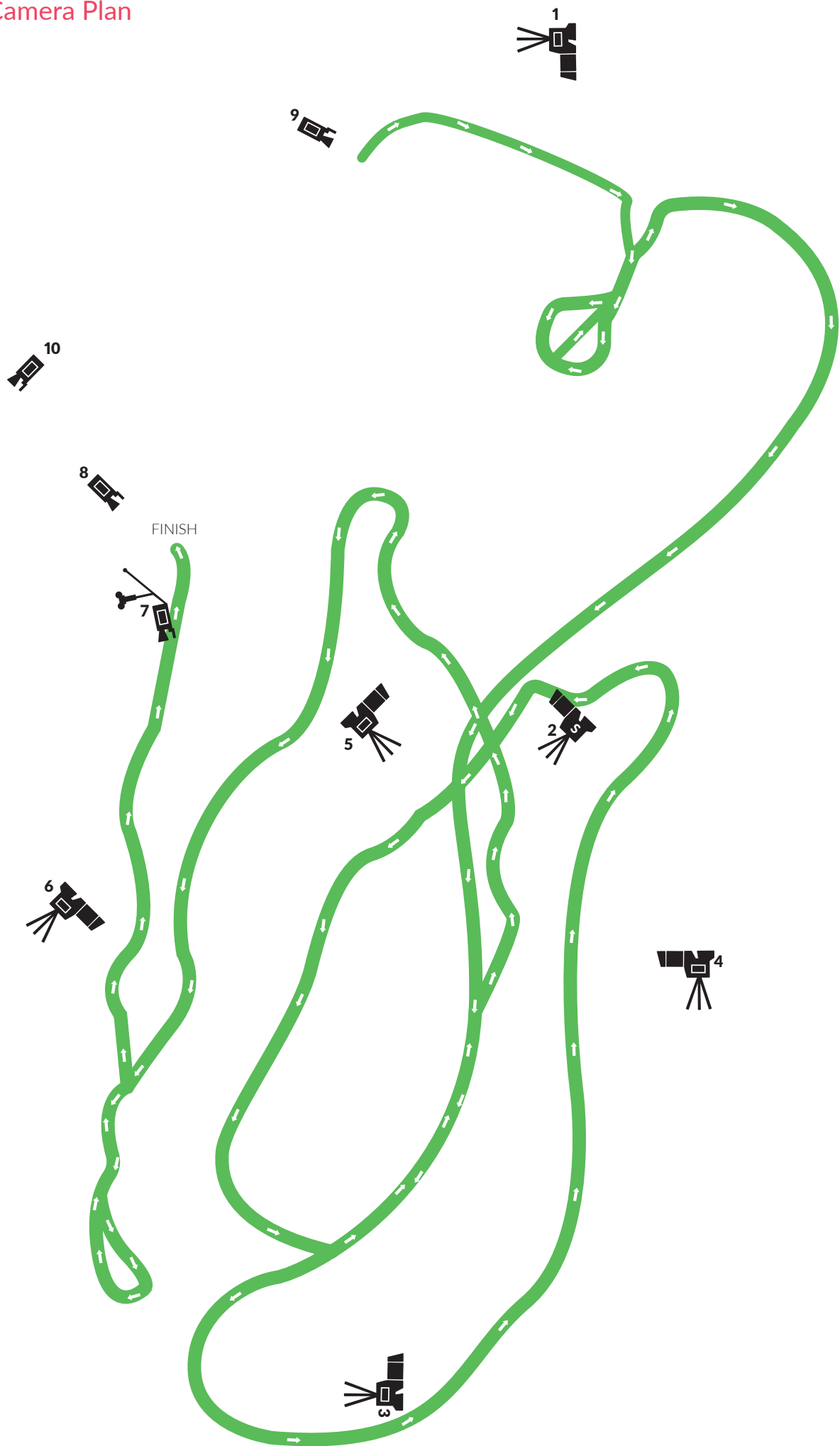
EQUESTRIAN – CROSS COUNTRY

During the Equestrian Eventing – the camera narrative and plan for Dressage is the same as on page 146 and 147. The camera narrative and plan for Jumping is the same as on pages 134 and 135.

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1 | Hardcam RF | 86-1 | On top of Grooms Housing near the start line | Coverage of start and overall course safety coverage |
| 2 | Super Slow Motion | 86-1 | On Middle Ref Tower | Coverage of middle of course |
| 3 | Hardcam RF | 86-1 | On right hand Ref Tower | Coverage across the whole course, mainly though of far side |
| 4 | Hardcam RF | 86-1 | On 6m platform built flush next to quarantine building on back straight - giving a view over the roof of the whole course | Coverage of whole course looking down from height |
| 5 | Hardcam RF | 86-1 | On 3m platform in middle of course | Coverage of water crossing as well as low coverage of middle of course |
| 6 | Hardcam | 86-1 | On bottom Ref Tower | Coverage of whole course looking up. Mainly though at the end of the run. |
| 7 | Handheld on 6m Camera Jib | 20-1 | Finish line | Coverage of the riders coming into the last 7 jumps |
| 8 | Handheld RF | 20-1 | Roaming by finish line | Reaction in pen after run |
| 9 | Handheld RF | 11-1 | Roaming by start line | Riders preparation before run |
| 10 | Handheld Unmanned | 8-1 | On 3m platform on wheels on far side of dressage/jumping arena (on the cam 5 platform) | Fixed beauty shot over cross country course |

Camera Plan



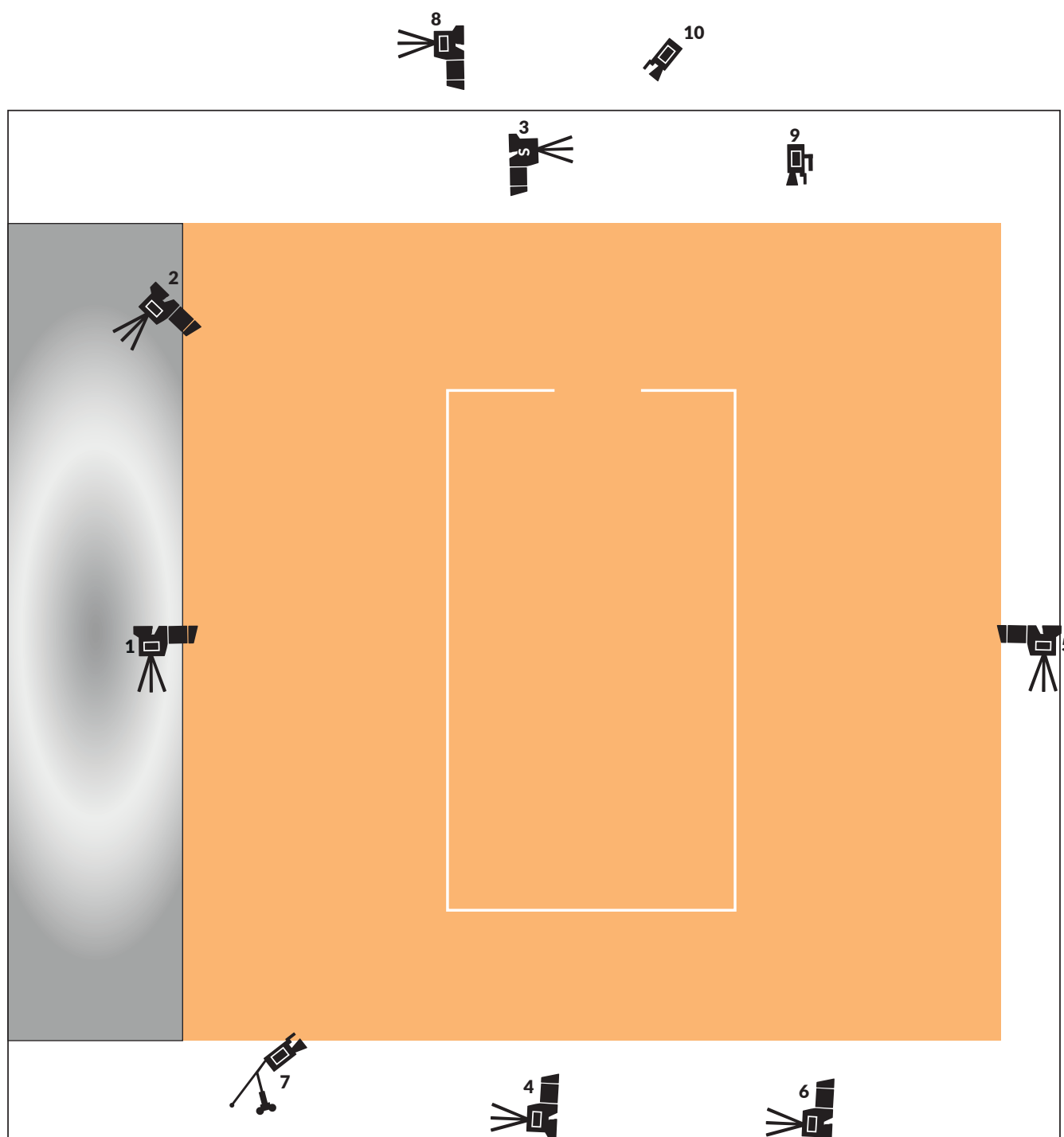
EQUESTRIAN – DRESSAGE

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|------------------------------|------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | In area at top of stand centred to piste over entrance | Master wide coverage over arena |
| 2 | Hardcam | 86-1 | Alternative angle at side of arena on 7m platform to left of camera 1 | Alternative master coverage from side |
| 3 | Super Slow Motion | 86-1 | On 0.5 metre platform on wheels in front of VIP area | Low close ups of horses / riders |
| 4 | Hardcam RF | 86-1 | On 2m platform on wheels on right hand bottom side on pavement | Low close ups of horses / riders and main replay source |
| 5 | Hardcam RF | 86-1 | On 3m platform on wheels on far side of FOP | Close ups of horses / riders and main replay source |
| 6 | Hardcam RF | 86-1 | On 3m platform on wheels on right side on pavement | Close ups of horses / riders and main replay source |
| 7 | Handheld on 6m Camera Jib RF | 20-1 | Platform - On right hand bottom corner of arena. May have to wheeled around depending on trotting area positioning. | Alternative master coverage and entry / exit shots |
| 8 | Hardcam RF | 20-1 | On platform located behind the VIP tent - height TBC depending on tent height | Close ups of horses / riders and main replay source and shots of training area |
| 9 | Handheld RF | 11-1 | In holding area - horse entry / exit point | Horses entry, kiss and cry and exit and for medal presentations |
| 10 | Handheld Unmanned | 8-1 | On platform located behind the VIP tent - height TBC depending on tent height | Fixed beauty shot over venue (same place as Jumping) |



Camera Plan



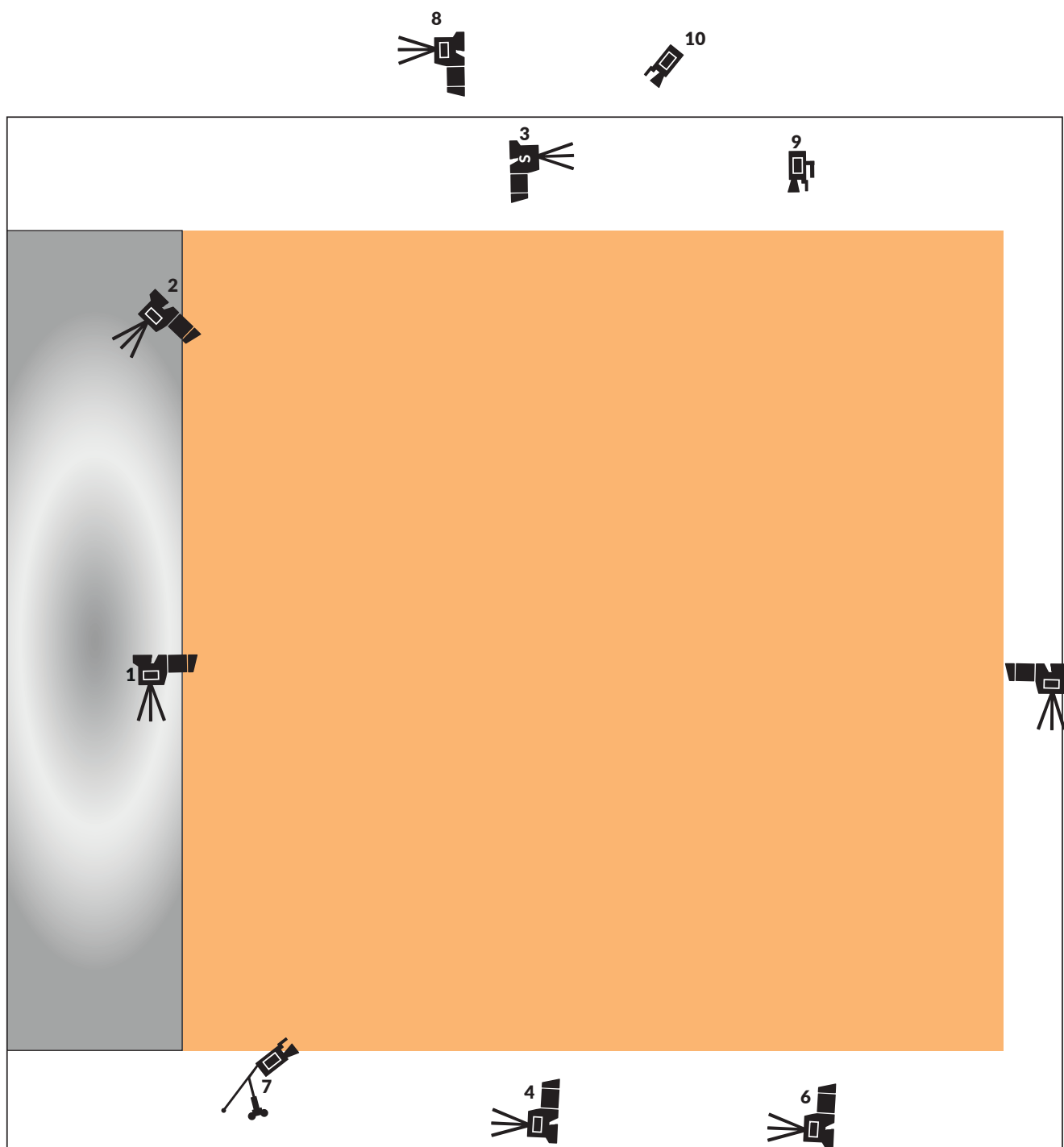
EQUESTRIAN – JUMPING

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------------------|------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | In area at top of stand centred to piste | Master wide coverage over arena |
| 2 | Hardcam | 86-1 | Alternative angle at side of arena on 7m platform to left of camera 1 | Alternative master coverage from side |
| 3 | Super Slow Motion | 86-1 | On 0.5 metre platform on wheels in front of VIP are | Low close ups of horses / riders |
| 4 | Hardcam RF | 86-1 | On 2m platform on wheels on right hand bottom side on pavement | Low close ups of horses / riders and main replay source |
| 5 | Hardcam RF | 86-1 | On 3m platform on wheels on far side of FOP | Close ups of horses / riders and main replay source |
| 6 | Hardcam RF | 86-1 | On 3m platform on wheels on right side on pavement | Close ups of horses / riders and main replay source |
| 7 | Handheld on 6 m Camera Jib RF | 20-1 | On right hand bottom corner of arena. May have to wheeled around depending on trotting area positioning | Alternative master coverage and entry / exit shots |
| 8 | Hardcam RF | 20-1 | On platform located behind the VIP tent - height TBC depending on tent height | Close ups of horses / riders and main replay source and shots of training area |
| 9 | Handheld RF | 11-1 | In holding area - horse entry / exit point | Horses entry, kiss and cry and exit and for medal presentations |
| 10 | Handheld Unmanned | 8-1 | On platform located behind the VIP tent - height TBC depending on tent height | Fixed beauty shot over venue (same place as Jumping and Cross Country) |



Camera Plan



FENCI G

Dates: 19 August to 24 August

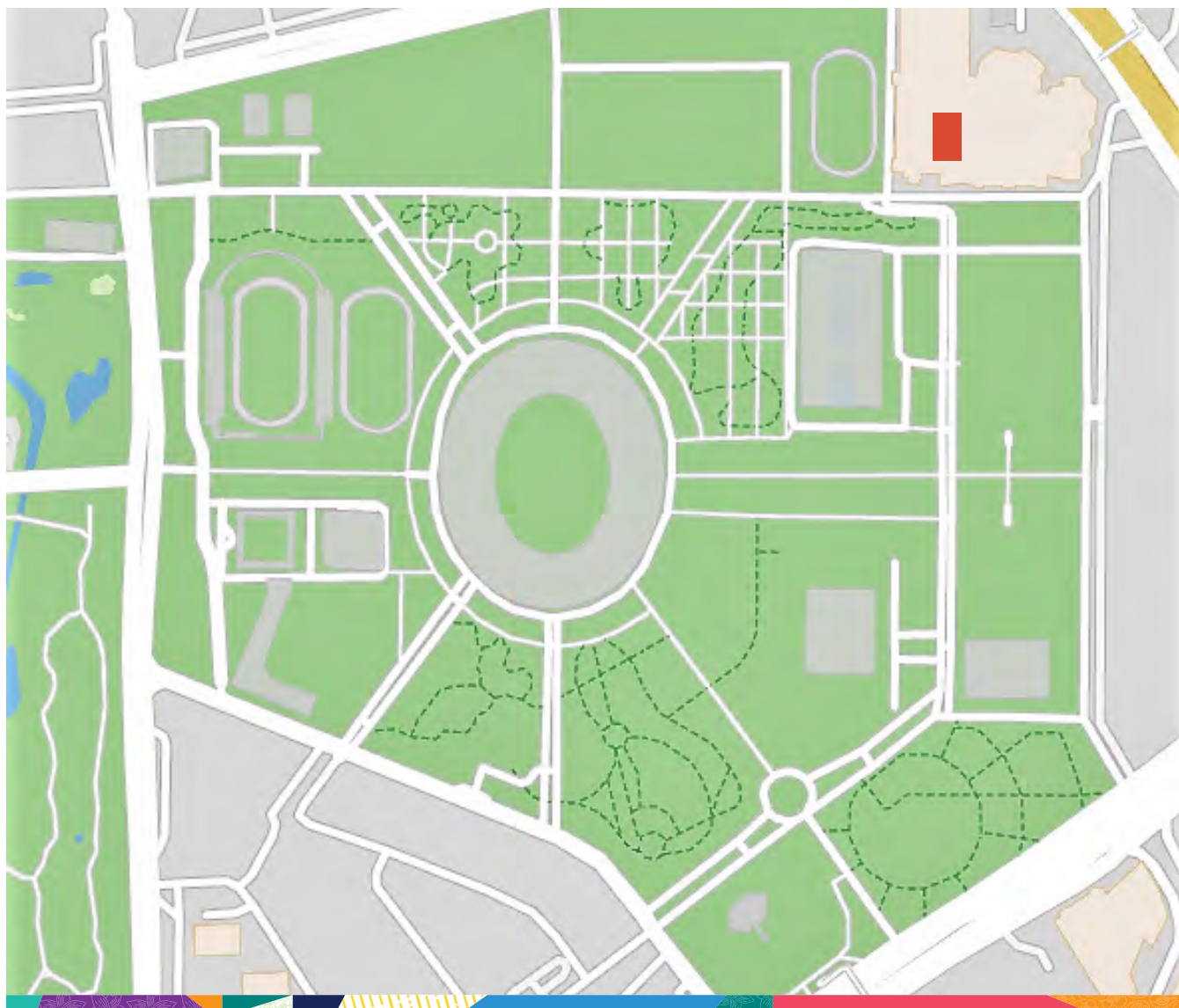
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | M | M | M | M | M | M | | | | | | | | | |

VENUE FACTS

Venue: JCC Cendrawasih

Cluster: Jakarta One

Address: Jl. Gelora 8 - Gelora - Tanahabang, Central Jakarta City, Jakarta 10270

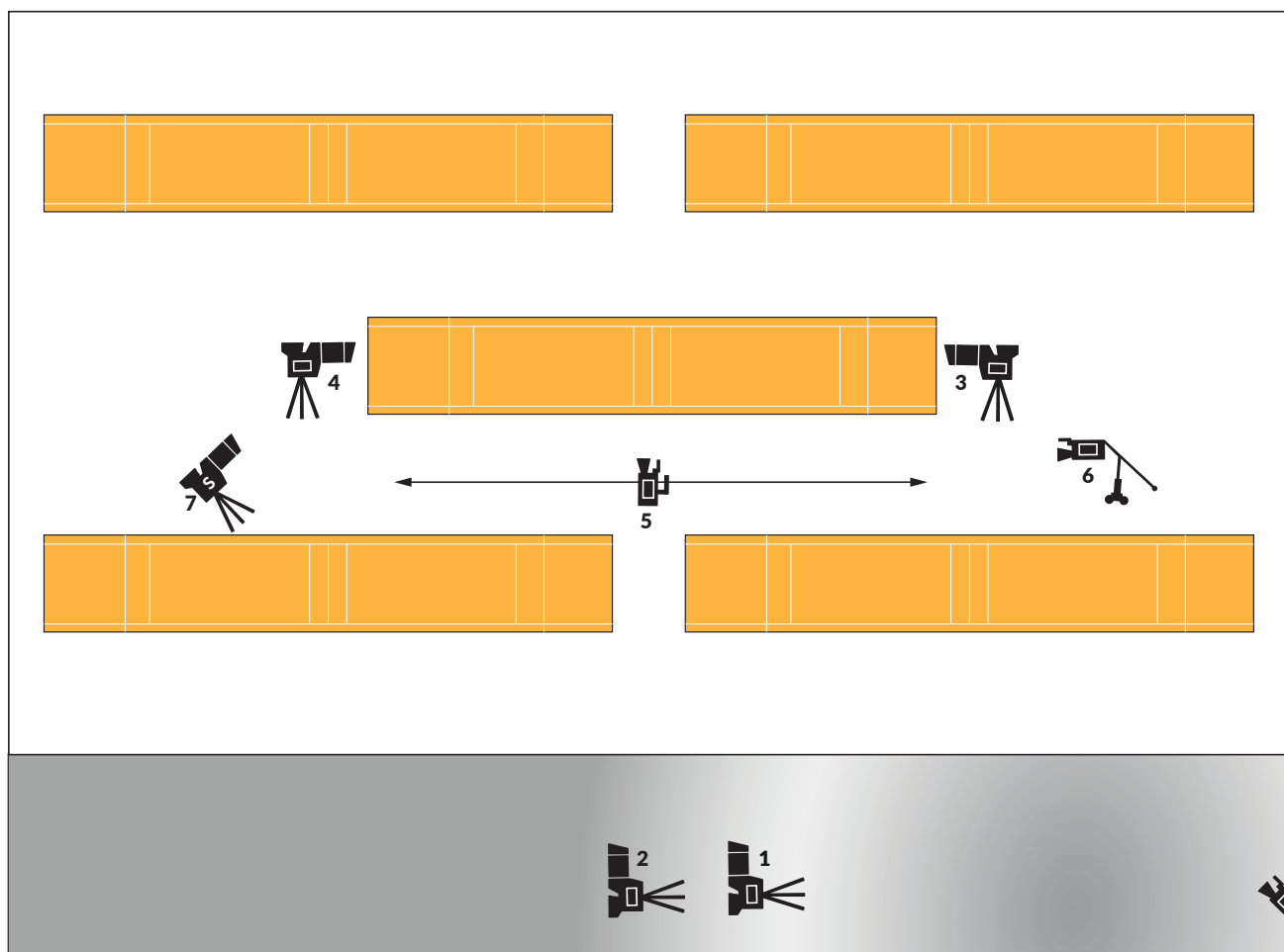




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|------|--------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | High in centre of arena on platform (height tbc) | Master wide shot |
| 2 | Hardcam | 86-1 | Lower than camera 1 centre of piste on platform | Close ups and tight coverage |
| 3 | Hardcam | 86-1 | On left corner of piste on 30cm pedestal | Close ups and tight coverage |
| 4 | Hardcam | 86-1 | On right corner of piste on 30cm pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around arena | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Handheld on 6m camera jib | 11-1 | To left of camera 3 in corner of arena | Alternate coverage of fights |
| 7 | Super Slow Motion | 86-1 | Left end of piste | Tight close up camera and main replay |
| 8 | Handheld Unmanned | 8-1 | In corner of hall | Fixed beauty shot over hall |

Camera Plan



FOOTBALL – MEN

Dates: 10 August to 1 September

| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| • | | • | | • | • | • | • | | • | • | | | • | • | | | • | | • | | | M | |

VENUE FACTS

Venue: Pakansari Stadium Bogor, Si Jalak Harupat, Wibawa Mukti Stadium & Patriot Candrabaga Stadium

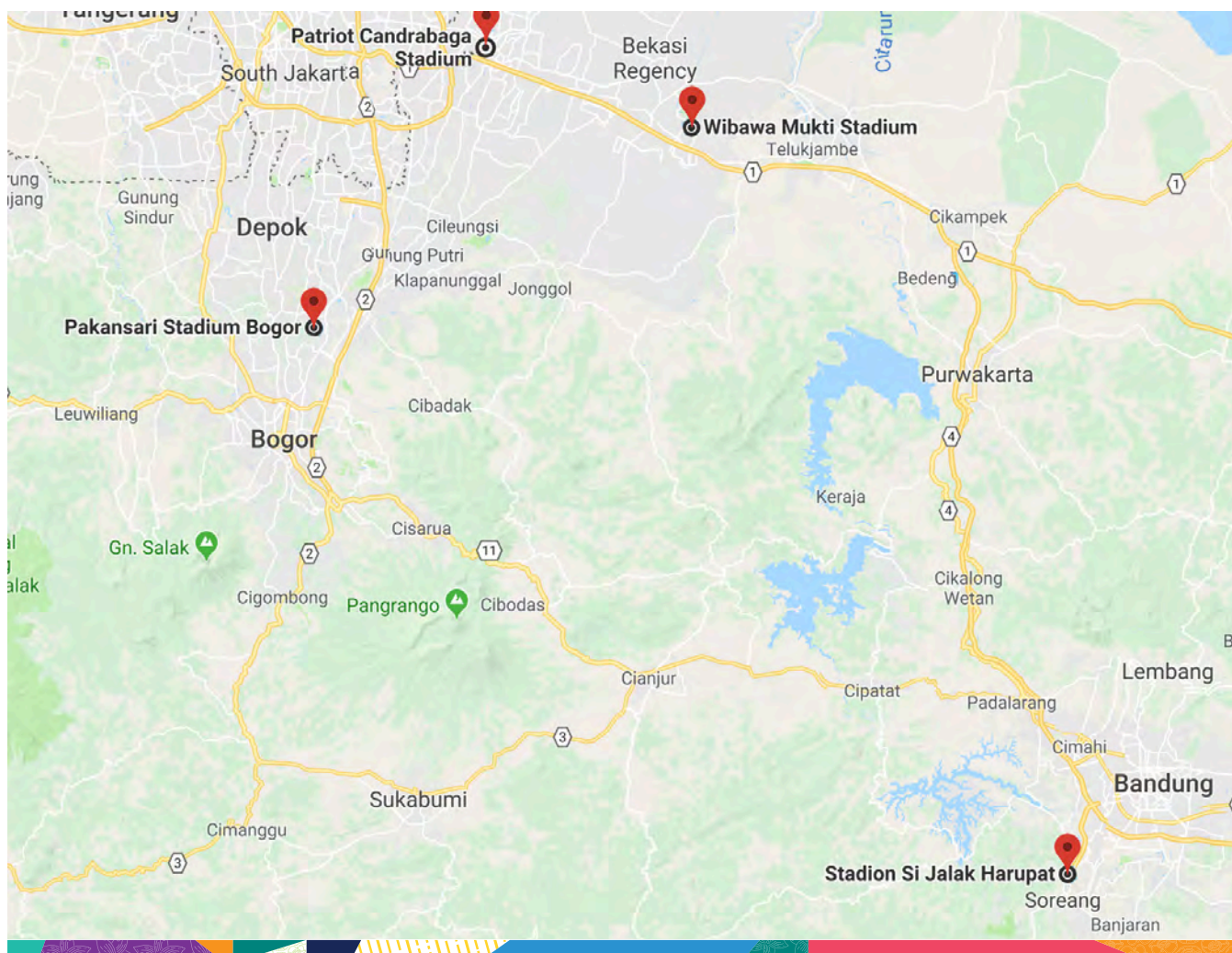
Address: Pakansari Stadium Bogor, Jalan Raya Gor Pekansari No.26, Pakansari, Cibinong, Pakansari, Cibinong, Bogor Jawa Barat 16915

Si Jalak Harupat Soreang Stadium, Kopo, Kutawaringin, Kopo, Kutawaringin, Bandung, Jawa Barat 40911

Wibawa Mukti Stadium, Jl. Science Boulevard, Sertajaya, Cikarang Tim., Bekasi, Jawa Barat 17530

Patriot Candrabaga Stadium, Jalan Pintu Satu Senayan, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

Cluster: Jakarta Suburb

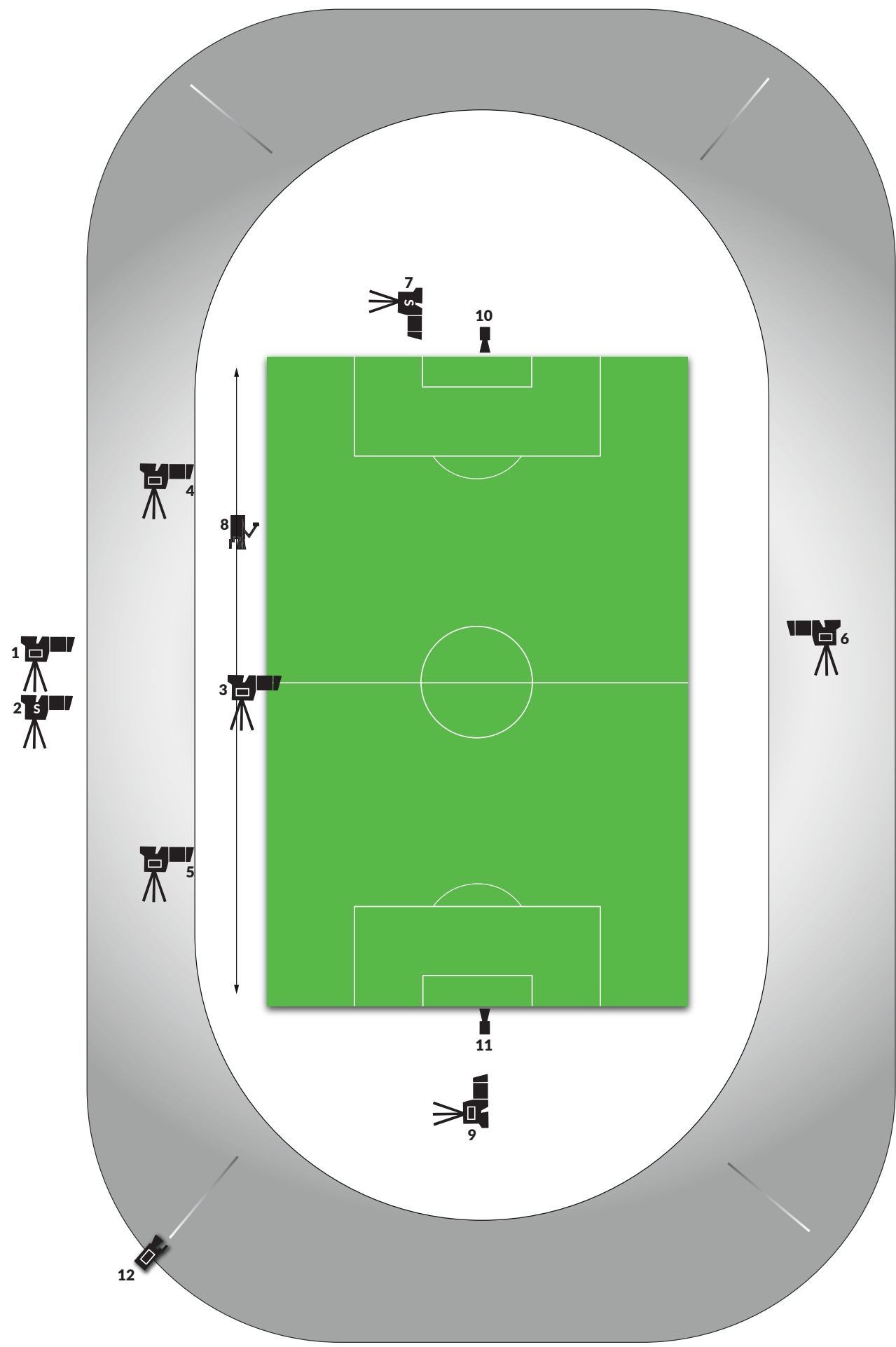




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-----------------------|------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | Platform - High in centre of pitch on gantry on 0.5 platform | Wide master shot |
| 2 | Super Slow Motion | 86-1 | Alongside camera one to the right | Tight close ups of action and players |
| 3 | Hardcam | 86-1 | Centre at ground level 4m from touchline | Tight close ups of action and players |
| 4 | Hardcam | 20-1 | Level with edge of left hand penalty area in gantry on 0.5 platform | Replay coverage of offside decisions and general play |
| 5 | Hardcam | 20-1 | Level with edge of right hand penalty area in gantry on 0.5 platform | Reverse coverage, teams out and bench shots, some replays |
| 6 | Hardcam | 86-1 | Platform - Opposite side and level to camera 1, on halfway line on a 0.5 m platform | End on coverage for replays and live situations |
| 7 | Super Slow Motion | 86-1 | Low behind left hand goal | End on coverage for replays and live situations |
| 8 | Handheld on Steadycam | 11-1 | Various positions along side line | Play coverage, team introductions and celebrations plus RHBs pre and post |
| 9 | Hardcam | 20-1 | Platform - Situated behind right hand goal on a 7m tower looking down the pitch | End on coverage for replays and live situations |
| 10 | Single chip mini cam | 8-1 | In left hand goal. | Point of view shots inside goal |
| 11 | Single chip mini cam | 8-1 | In right hand goal. High in corner of net farside (goal keeper's right). | Point of view shots inside goal |
| 12 | Handheld Unmanned | Wide | High corner of stadium | Fixed beauty shot over stadium |

Camera Plan



FOOTBALL – WOMEN

Dates: 16 August to 31 August

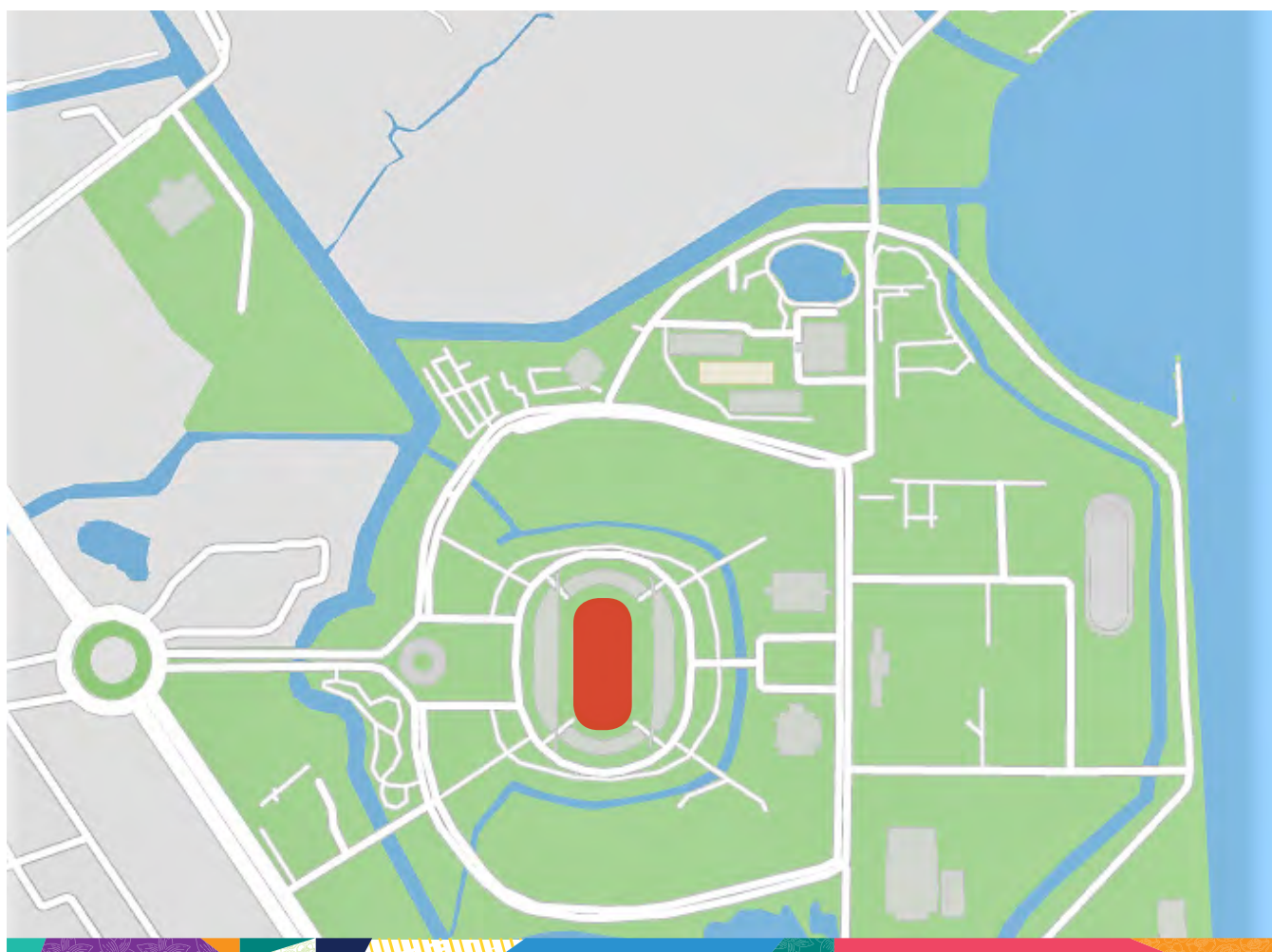
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
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VENUE FACTS

Venue: JSC Gelora Sriwijaya

Cluster: Palembang

Address: JSC Gelora Sriwijaya, Jakaring Sport Center, Jl. Gubernur H. A Bastari, 15 Ulu, Seberang Ulu I, Kota Palembang, Sumatera Selatan

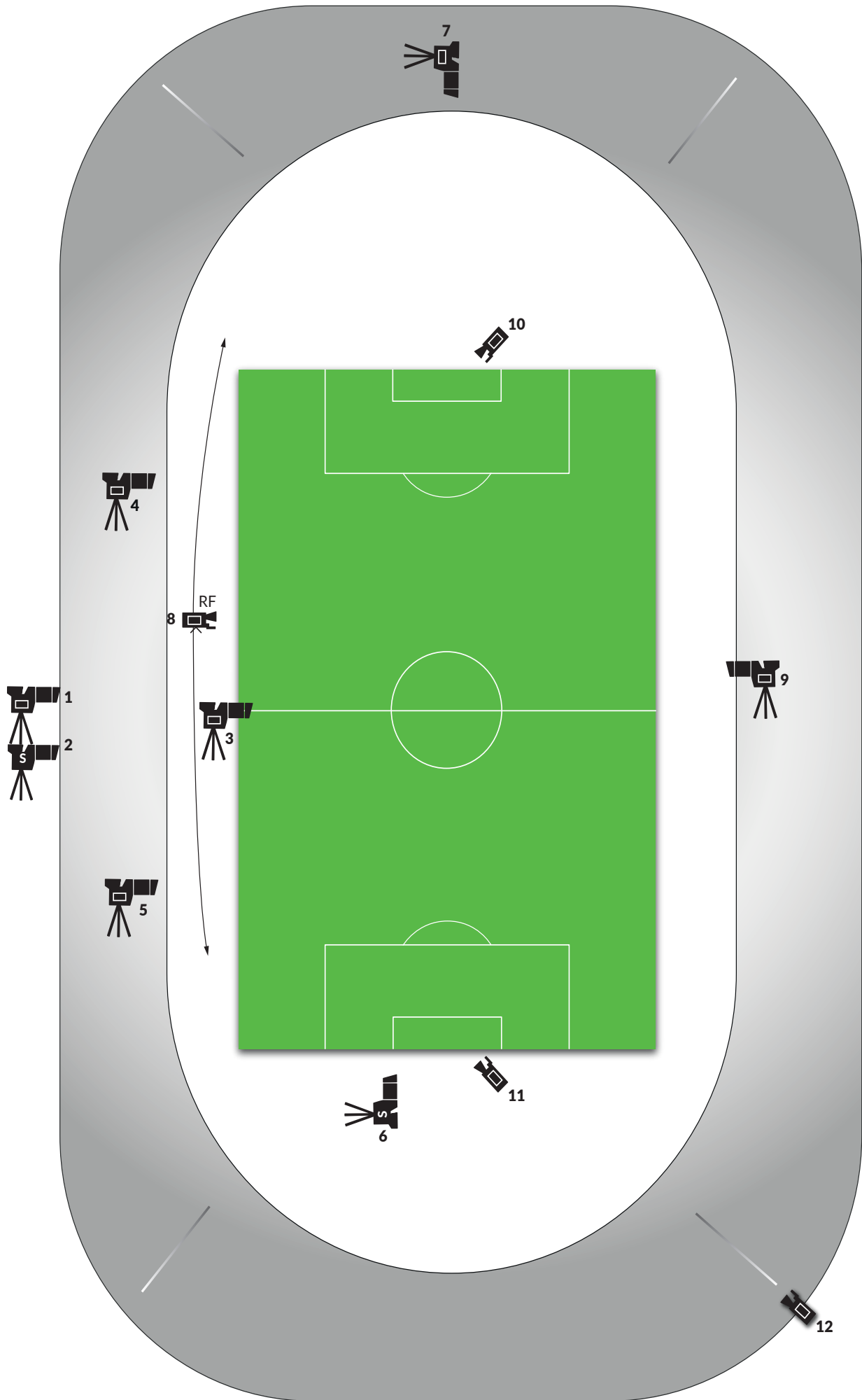




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------|------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | Platform - High in centre of pitch on gantry on 0.5 platform | Wide master shot |
| 2 | Super Slow Motion | 86-1 | Platform - Alongside camera 1 | Tight close ups of action and players |
| 3 | Hardcam | 86-1 | Centre at ground level 4m from touchline | Tight close ups of action and players |
| 4 | Hardcam | 20-1 | Platform - LH end level with 16m line, back of lower stands over 3 rows, 4 seats wide | Replay coverage of offside decisions and general play |
| 5 | Hardcam | 20-1 | Platform - RH end level with 16m line, back of lower stands over 3 rows, 4 seats wide | Reverse coverage, teams out and bench shots, some replays |
| 6 | Super Slow Motion | 86-1 | Low behind right hand goal | End on coverage for replays and live situations |
| 7 | Hardcam | 86-1 | High at left end of stadium | End on coverage for replays and live situations |
| 8 | Handheld RF | 11-1 | Various positions along side line | Play coverage, team introductions and celebrations plus RHBs pre and post. |
| 9 | Hardcam | 86-1 | Opposite side level to camera 1 on halfway line. Middle balcony | Reverse angle coverage for replays and live situations |
| 10 | Single chip mini cam | 8-1 | In left hand goal | Point of view shots inside goal |
| 11 | Single chip mini cam | 8-1 | In right hand goal | Point of view shots inside goal |
| 12 | Handheld Unmanned | Wide | High far right corner of stadium on catwalk | Fixed beauty shot over stadium |

Camera Plan



GYMNASTICS – ARTISTIC

Dates: 20 August to 24 August

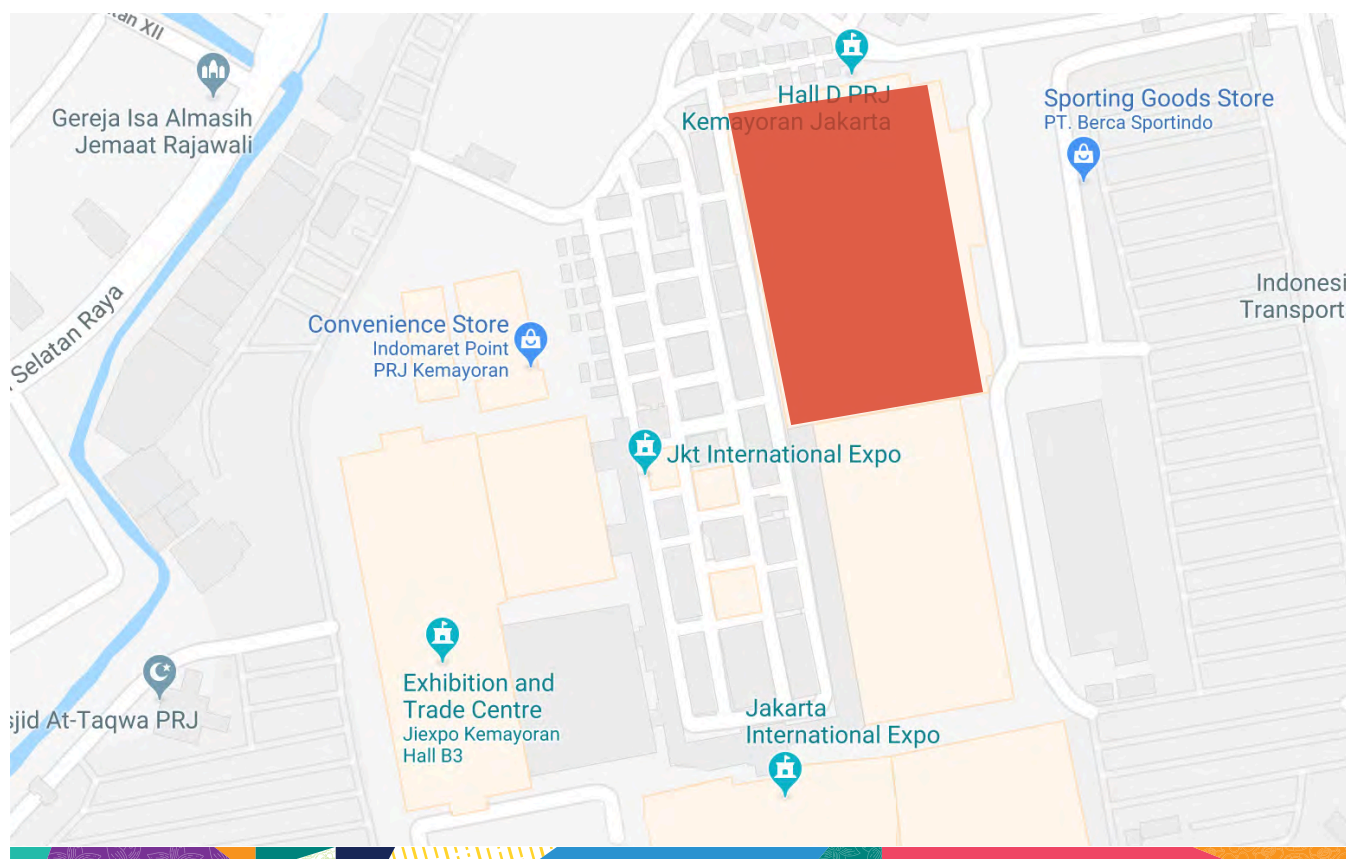
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| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | M | M | M | M | M | | | | | | | | | |

VENUE FACTS

Venue: JIEXPO Kemayoran Hall D

Cluster: Jakarta Two

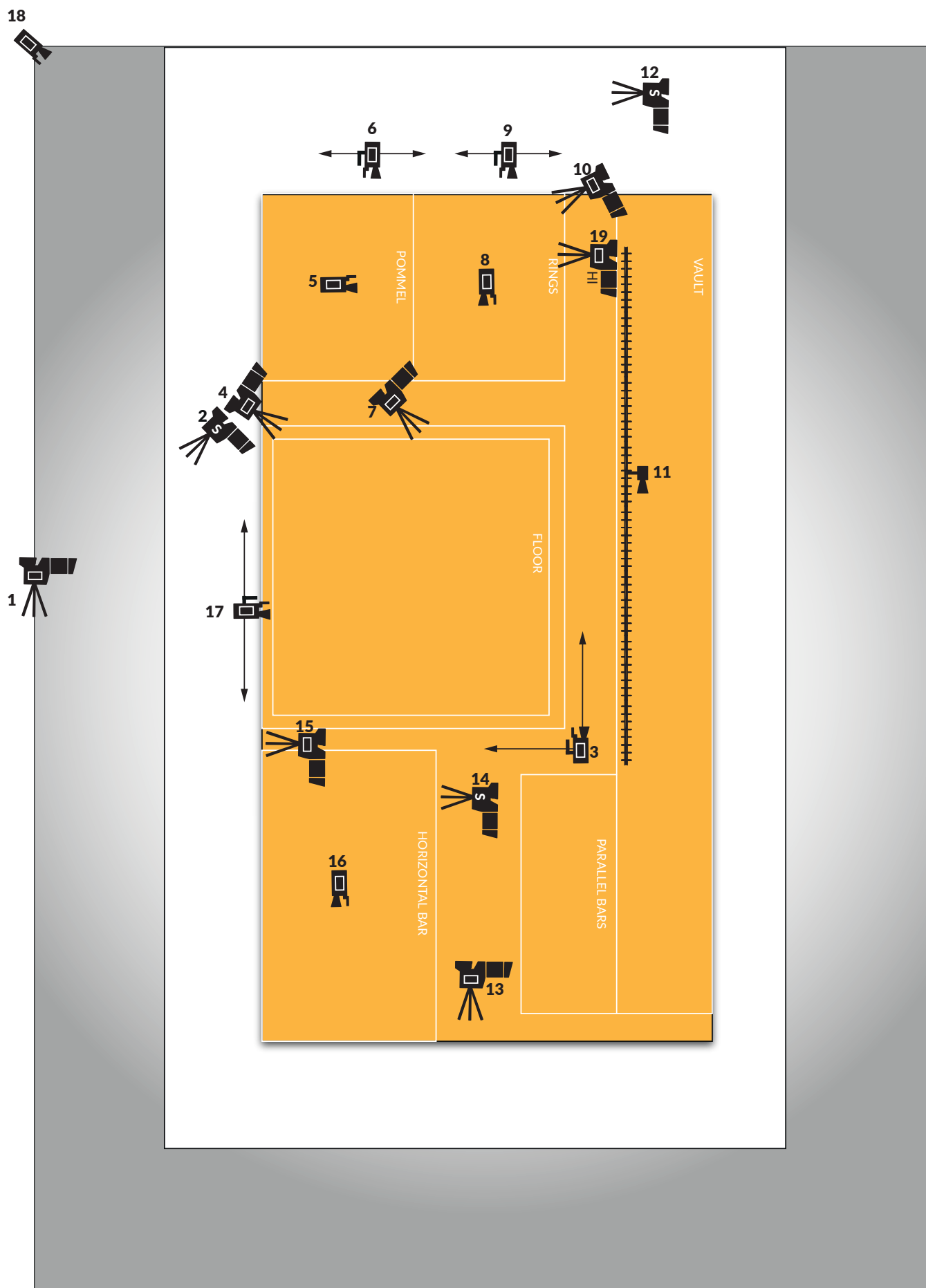
Address: Gedung Pusat Niaga Arena, JIEXPO Kemayoran, Jalan Benyamin Sueb No.1, Pademangan Timur, Kota Tua, Jakarta Pusat, Daerah Khusus Ibukota, Jakarta 14410



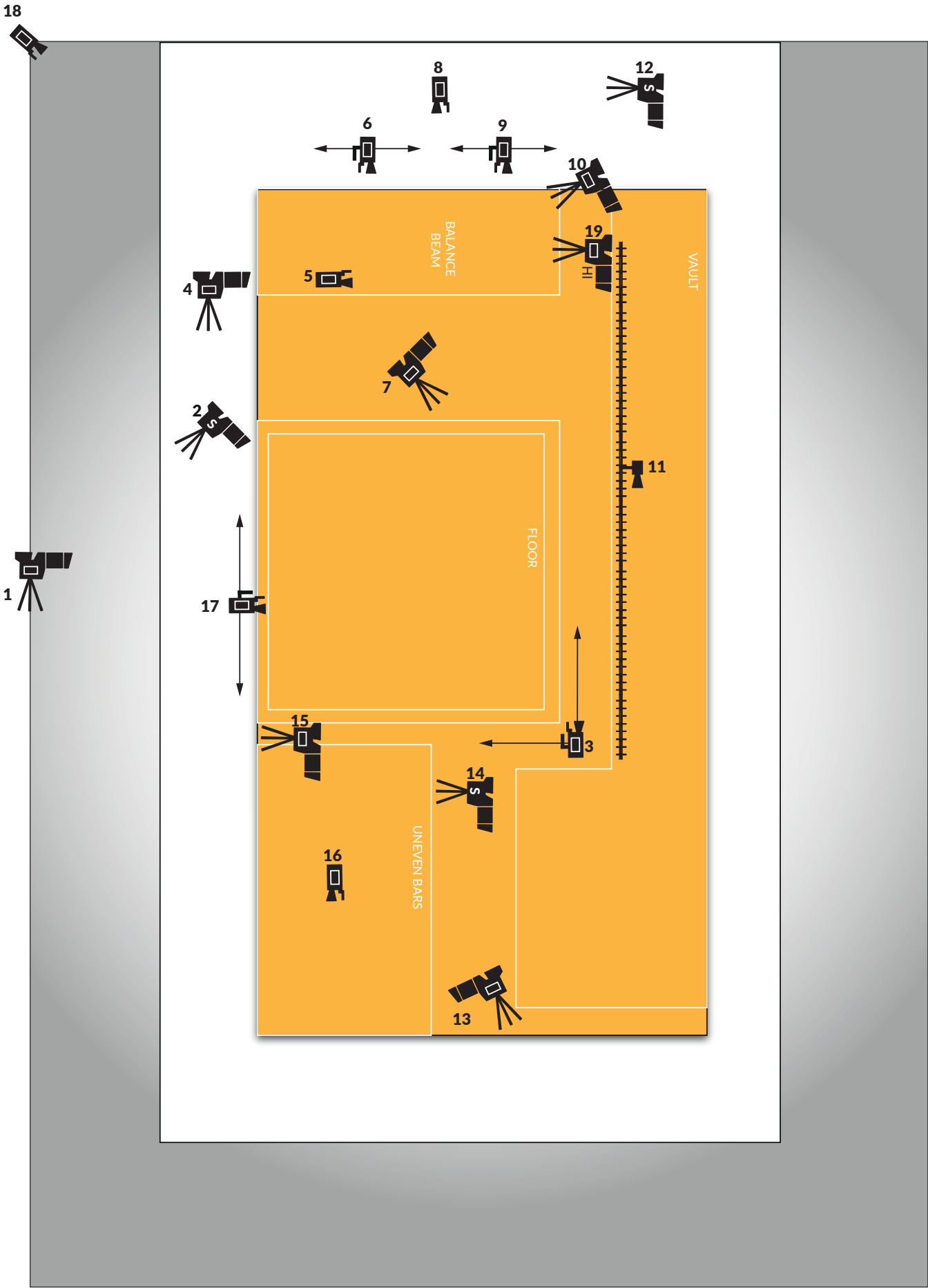


Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------------------------|------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1 | Hardcam | 86-1 | Centred to floor on a platform | Floor master shot |
| 2 | Super Slow Motion | 20-1 | On corner of floor | Floor / Pommel / Beam coverage |
| 3 | Handheld RF | 11-1 | Hand held by Floor and vault | Vault entrance and exit shots and results close ups and coverage of Floor / Parallel Bar |
| 4 | Hardcam | 86-1 | Platform - Based on the floor in between Pommel and floor for men. On a raised 2.5 platform for Beam | Pommel / Beam master shot |
| 5 | Handheld | 20-1 | Overhead Pommel / Beam | P Bars alternative master shot or replay coverage |
| 6 | Handheld RF | 11-1 | Handheld by Pommel/Beam | Pommel/Beam entrance and exit shots and results close ups |
| 7 | Hardcam | 20-1 | On corner of Rings/Pommel or Beam | Rings master shot |
| 8 | Mini Chip Fixed - Men's Camera only | 20-1 | Overhead Rings | Rings alternative master shot or replay coverage |
| 9 | Handheld RF | 11-1 | Handheld by rings | Rings entrance and exit shots and results close ups as well as Pommel/Beam/Vault shots |
| 10 | Hardcam | 20-1 | Master camera at end of vault mat on floor | Master vault shot |
| 11 | Mini Chip on Track | 11-1 | Platform - Track alongside Vault run up (+ apparatus) | Vault wide tracking master shot |
| 12 | Super Slow Motion | 86-1 | Platform - Head on to Vault - 1.5m platform from floor, 5m back from podium | Vault alternative master shot or replay coverage |
| 13 | Hardcam | 20-1 | In between P Bar and H / U Bars | Master P Bar coverage |
| 14 | Super Slow Motion | 20-1 | In between P Bars and H / U Bars | P Bar & H / U Bar coverage across diagonal |
| 15 | Hardcam | 86-1 | On corner of H / U Bars | Master H / U Bar coverage |
| 16 | Hothead - Handheld | 20-1 | Overhead H / U Bars | H / U Bars alternative master shot or replay coverage |
| 17 | Handheld RF | 11-1 | Handheld by H / U Bars | H / U Bars entrance and exit shots and results close ups |
| 18 | Handheld - Unmanned | 8-1 | In corner of Arena for Integrated feed | Fixed Beauty Shot |
| 19 | Hi Motion | 86-1 | Various drops around arena to cover all disciplines | Replays, entrance and medals |



Camera Plan – Women



GYMNASICS – RHYTHMIC

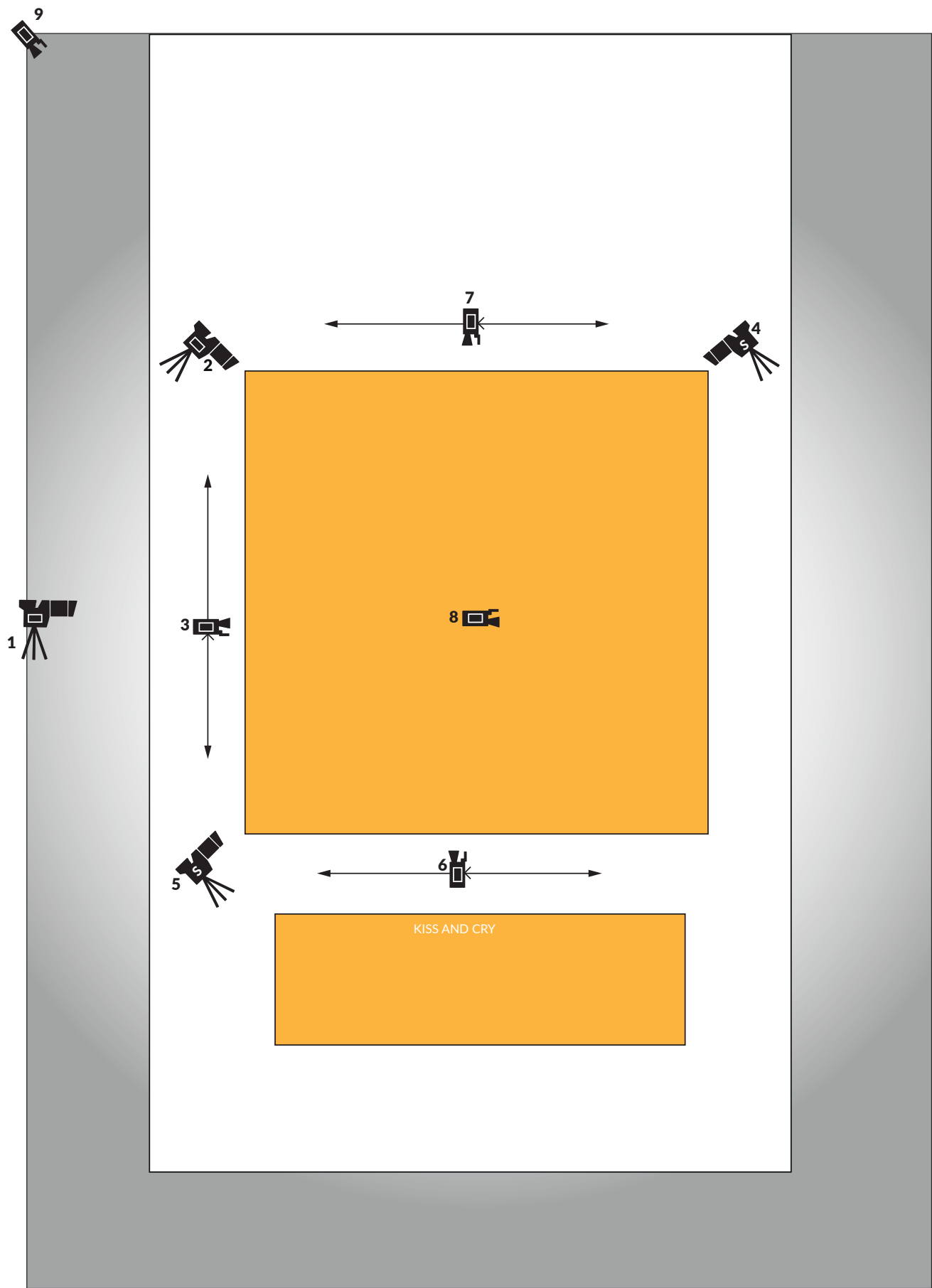
Dates: 27 August to 28 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
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| | | | | | | | | | | | | | | M | M | | | | | |

Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-------------------------------------------|--------------------------------------------------|
| 1 | Hardcam | 86-1 | Platform - Centred to floor on a platform | High master shot |
| 2 | Super Slow Motion | 20-1 | On corner of Floor | Alternative master shot or replay coverage Floor |
| 3 | Handheld | 11-1 | By Floor Competitor seats | Entrance and exit shots and results close ups |
| 4 | Super Slow Motion | 20-1 | On left corner of floor | Replay coverage of Floor across diagonal |
| 5 | Super Slow Motion | 20-1 | On the right hand side of the floor | Coverage and SSM replays |
| 6 | Handheld RF | 11-1 | Pommel/Beam | Kiss and cry |
| 7 | Handheld RF | 11-1 | On corner of Rings/Pommel or Beam | With competitors |
| 8 | Handheld Unmanned | 20-1 | Overhead Rings | Overhead on centre of floor |
| 9 | Handheld Unmanned | 8-1 | In corner of the arena | Fixed beauty shot over arena |

Camera Plan



GYMNASI²S – TRAMPOLINE

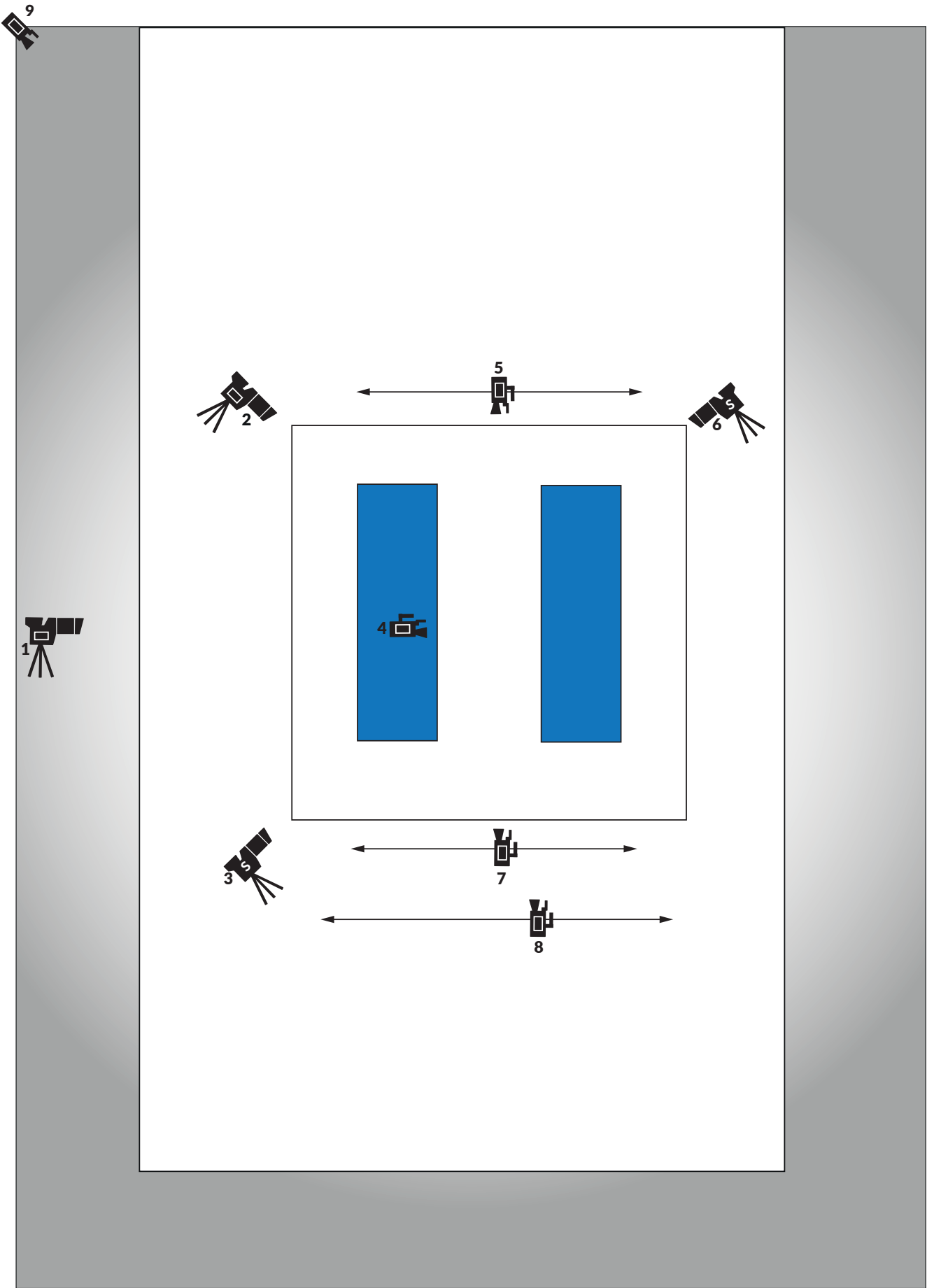
Dates: 30 August

| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
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Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-------------------------------------------|--------------------------------------------------|
| 1 | Hardcam | 86-1 | Platform - Centred to floor on a platform | High master shot |
| 2 | Super Slow Motion | 20-1 | On corner of Floor | Alternative master shot or replay coverage Floor |
| 3 | Super Slow Motion | 20-1 | On left corner of floor | Coverage and SSM replays |
| 4 | Handheld Unmanned | 11-1 | Overhead of trampoline | Overhead shot of main trampoline |
| 5 | Handheld RF | 11-1 | By floor competitor seats | Entrance and exit shots and results close ups |
| 6 | Super Slow Motion | 20-1 | Far right hand corner | Kiss and cry coverage and SSM replays |
| 7 | Handheld RF | 11-1 | Kiss and cry area | Kiss and cry |
| 8 | Handheld RF | 11-1 | Right hand side of floor | Coverage of whole trampoline |
| 9 | Handheld Unmanned | 8-1 | Fixed in the corner of the arena | Beauty shot over arena |

Camera Plan



HANDBALL

Dates: 13 August to 31 August

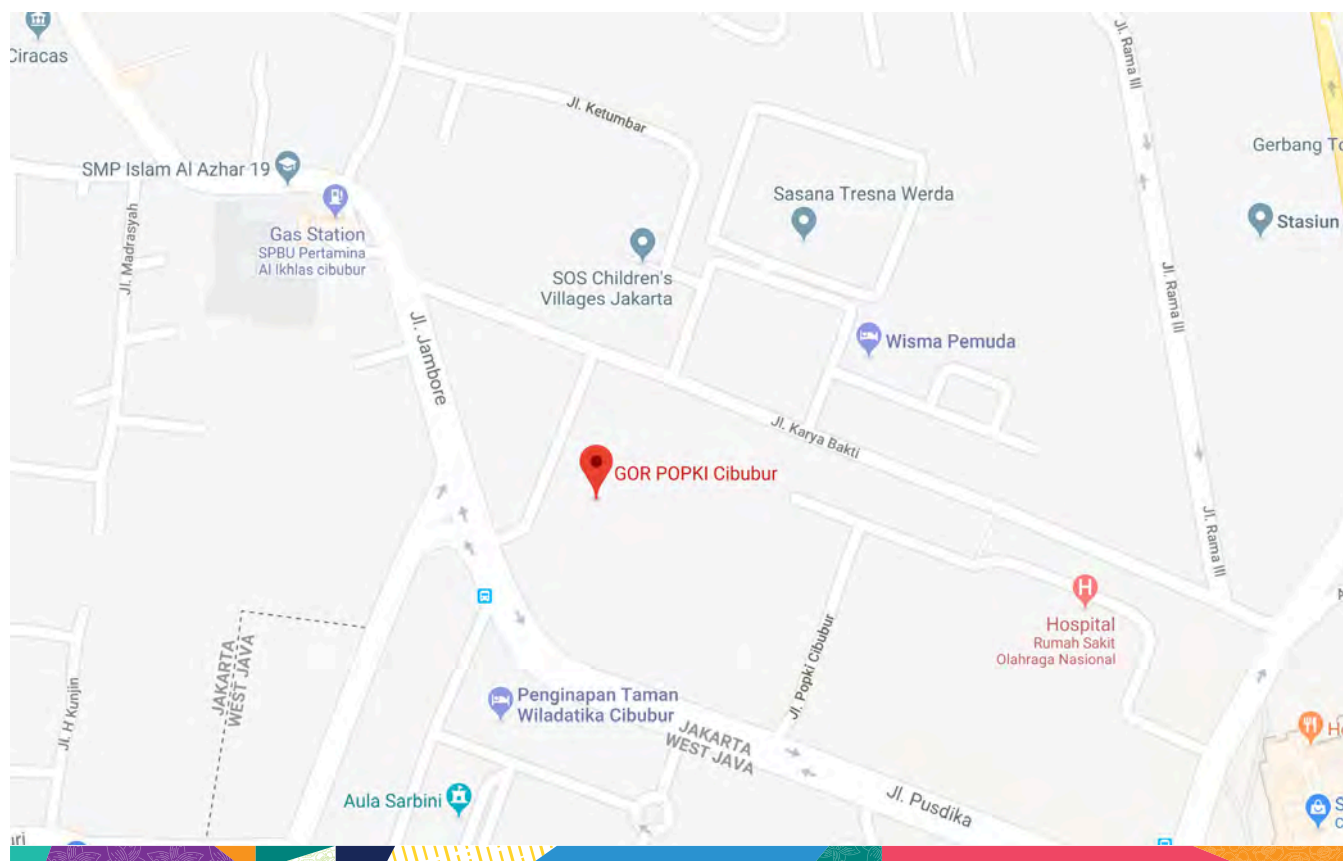
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VENUE FACTS

Venue: GOR POPKI Cibubar

Cluster: Jakarta Two

Address: Jl. Karya Bakti, RT.8/RW.7, Cibubur, Ciracas, Kota Jakarta Timur, Daerah Khusus Ibukota Jakarta 13720

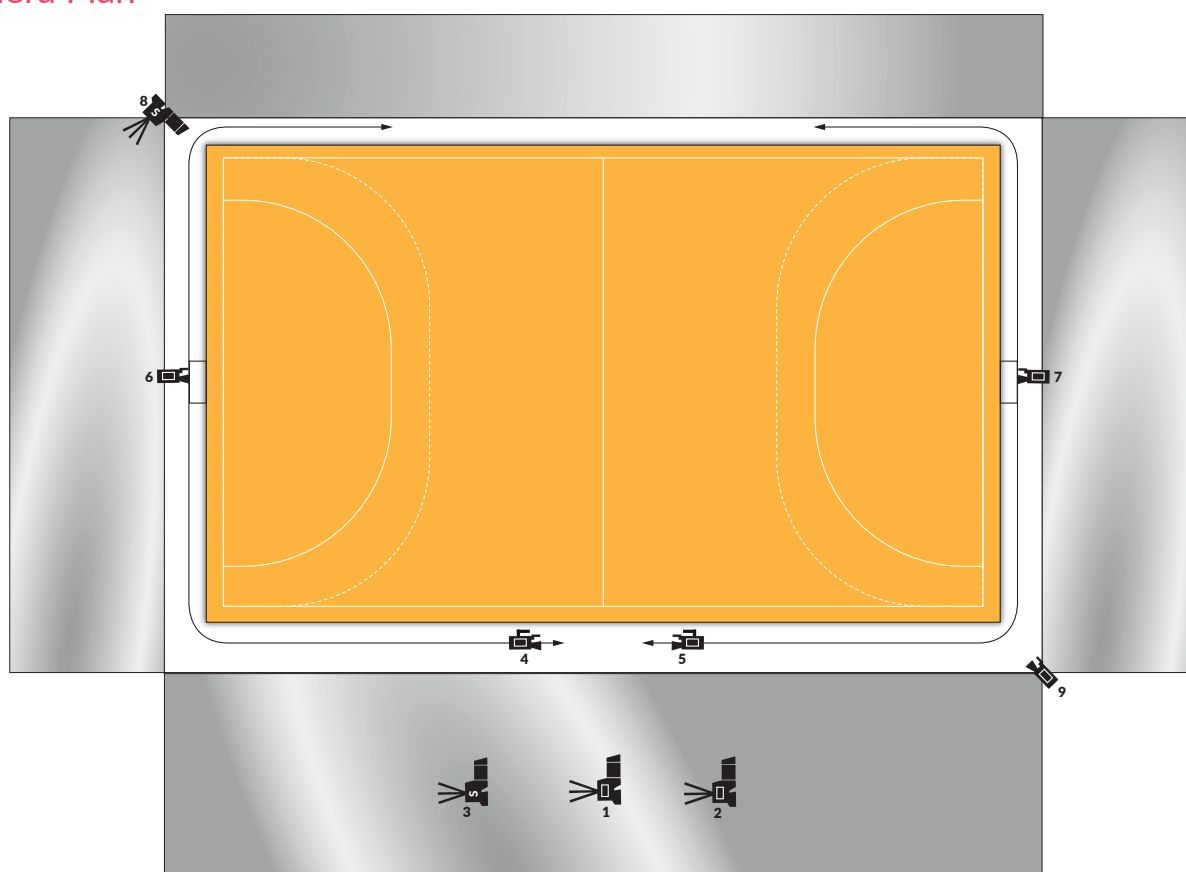




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-----------------------|------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 1 | Hardcam | 22-1 | Platform - Situated behind commentary booth (wooden seating) on walkway at back of stand. Raised on 1m platform on halfway line | Master camera for live coverage |
| 2 | Super Slow Motion | 86-1 | As above: to the left of camera 1 | Replay, wide shot action & close up defence |
| 3 | Hardcam | 86-1 | As above: to the right of camera 1 | Close up attacking player |
| 4 | Handheld (long cable) | 22-1 | Various locations in hall | Left field of play action & timeouts. Replay |
| 5 | Handheld (long cable) | 22-1 | Various locations in hall | Right field of play action + timeouts. Replay |
| 6 | Handheld - High Pan | 22-1 | Behind left hand goal | Play in front of net |
| 7 | Handheld - High Pan | 22-1 | Behind right hand goal | Play in front of net |
| 8 | Super Slow Motion | 86-1 | Top left corner by players entrance | Replay & close up defence |
| 9 | Handheld Unmanned | Wide | In corner of hall | Fixed beauty shot over hall |

Camera Plan



HOCKEY

Dates: 19 August to 1 September

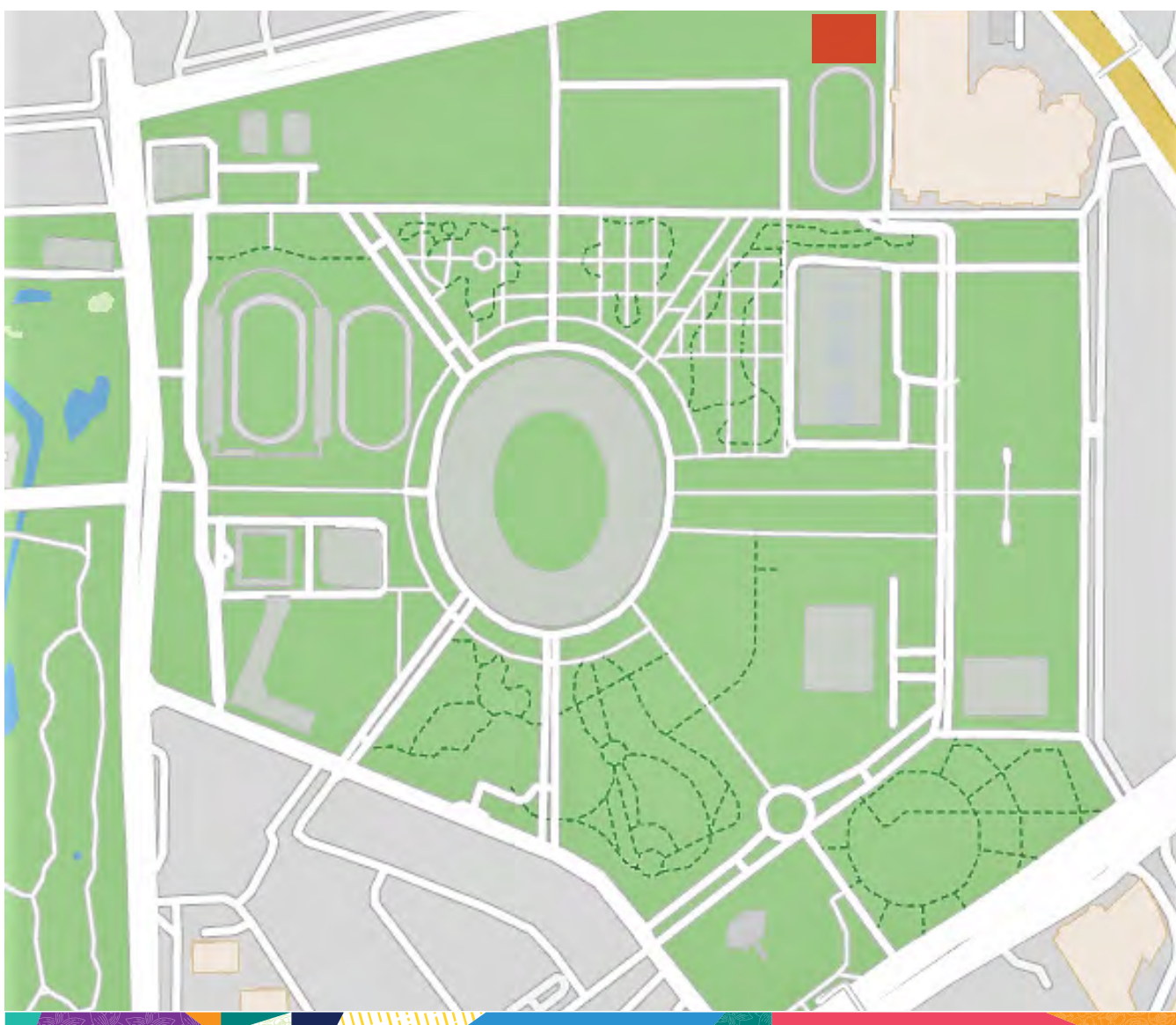
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VENUE FACTS

Venue: GBK Hockey Field

Cluster: Jakarta One

Address: Jl. Gerbang Pemuda No.3, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

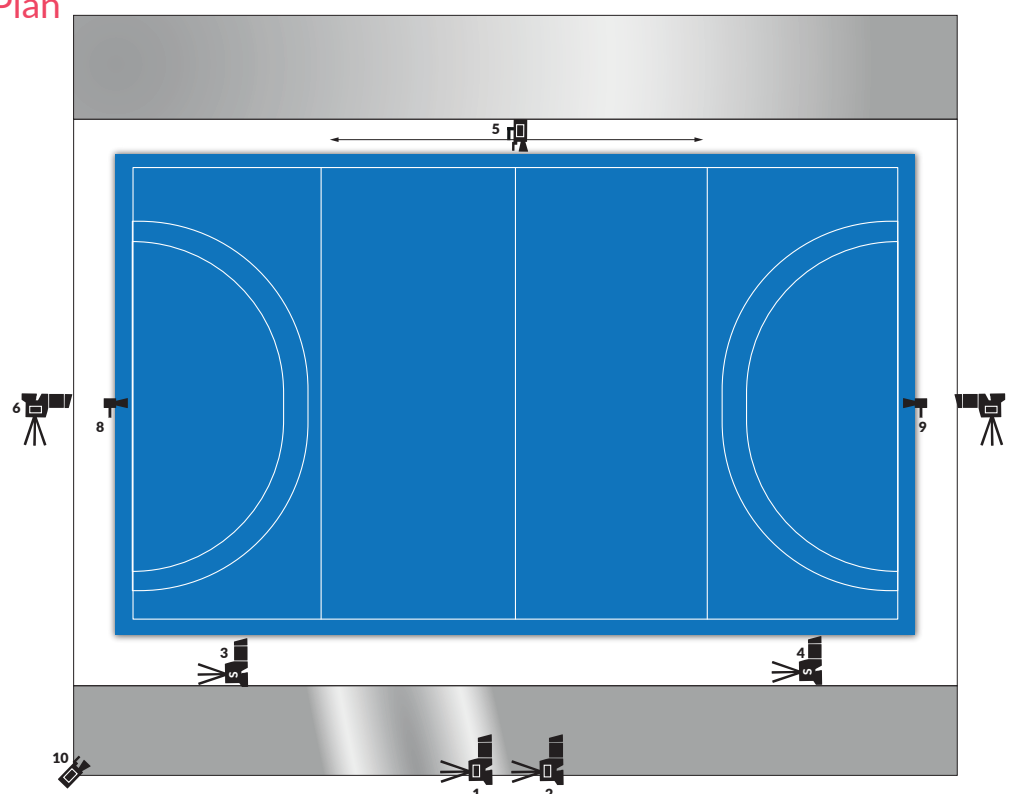




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1 | Hardcam | 20-1 | High on platform in centre of pitch 1 in the stand facing the main VIP stand | High wide master shot |
| 2 | Hardcam | 86-1 | Alongside camera one on platform | Close up follow camera |
| 3 | Super Slow Motion | 86-1 | On 2m platform 6m out from left hand end line and 4m from sideline | Close up follow camera for live and replay use |
| 4 | Super Slow Motion | 86-1 | On 2m platform 6m out from right hand end line and 4m from sideline | Close up follow camera for live and replay use |
| 5 | Handheld | 11-1 | Various locations around centre of the pitch by the benches on the opposite side to cam 1 | Coach, substitute, crowd close ups and medal ceremonies |
| 6 | Hardcam | 86-1 | Behind left hand goal on 6m platform | Low coverage behind right hand goal |
| 7 | Hardcam | 86-1 | Behind right hand goal on 6m platform | Low coverage behind left goal |
| 8 | Mini Cam | Wide | Fixed into cross bar on the left hand goal | Goal mouth action, corners |
| 9 | Mini Cam | Wide | Fixed into cross bar on the right hand goal | Goal mouth action, corners |
| 10 | Handheld Unmanned | Wide | High on the lighting tower over looking whole venue | Fixed beauty shot of stadium |

Camera Plan



JUDO

Dates: 29 August to 1 September

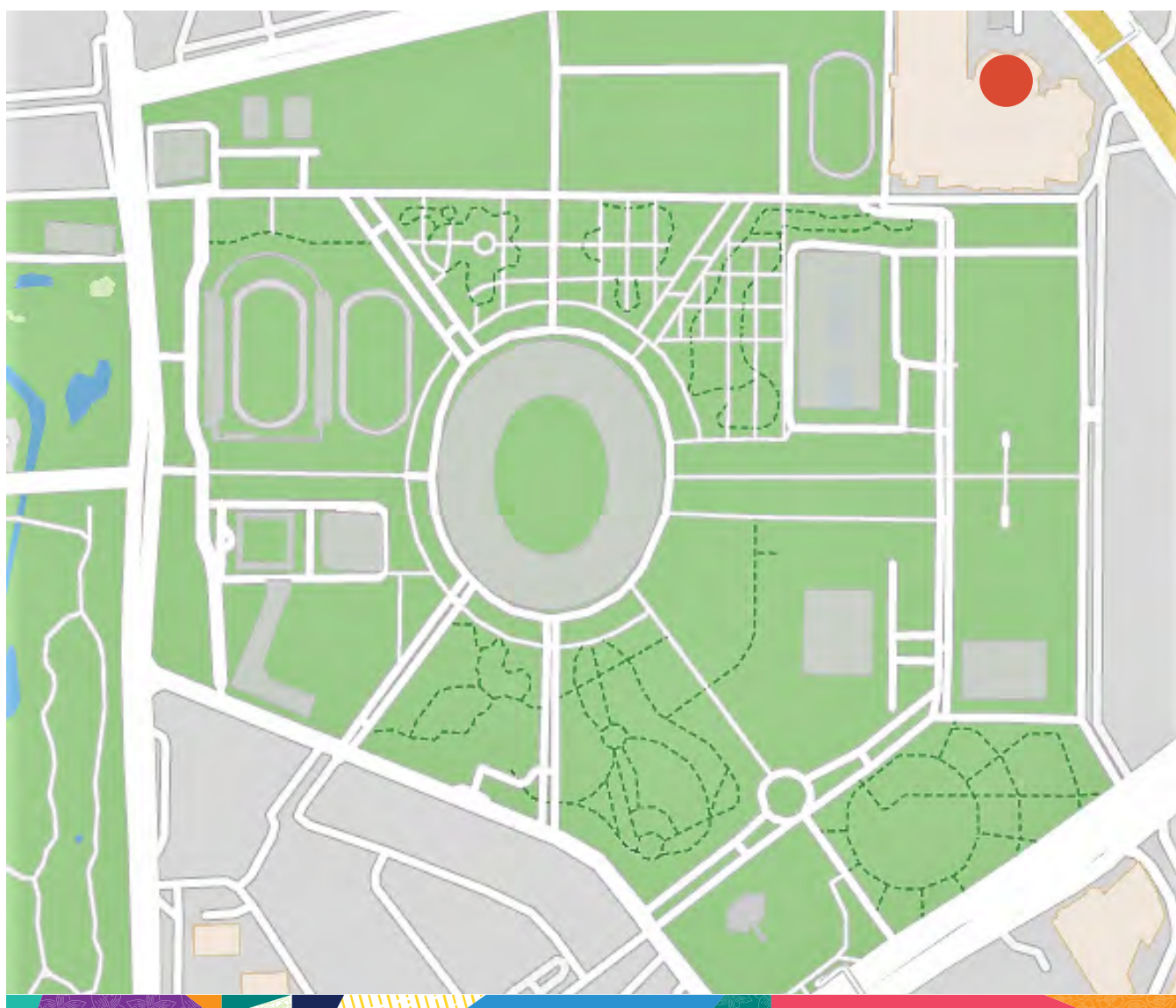
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VENUE FACTS

Venue: JCC Plenary Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

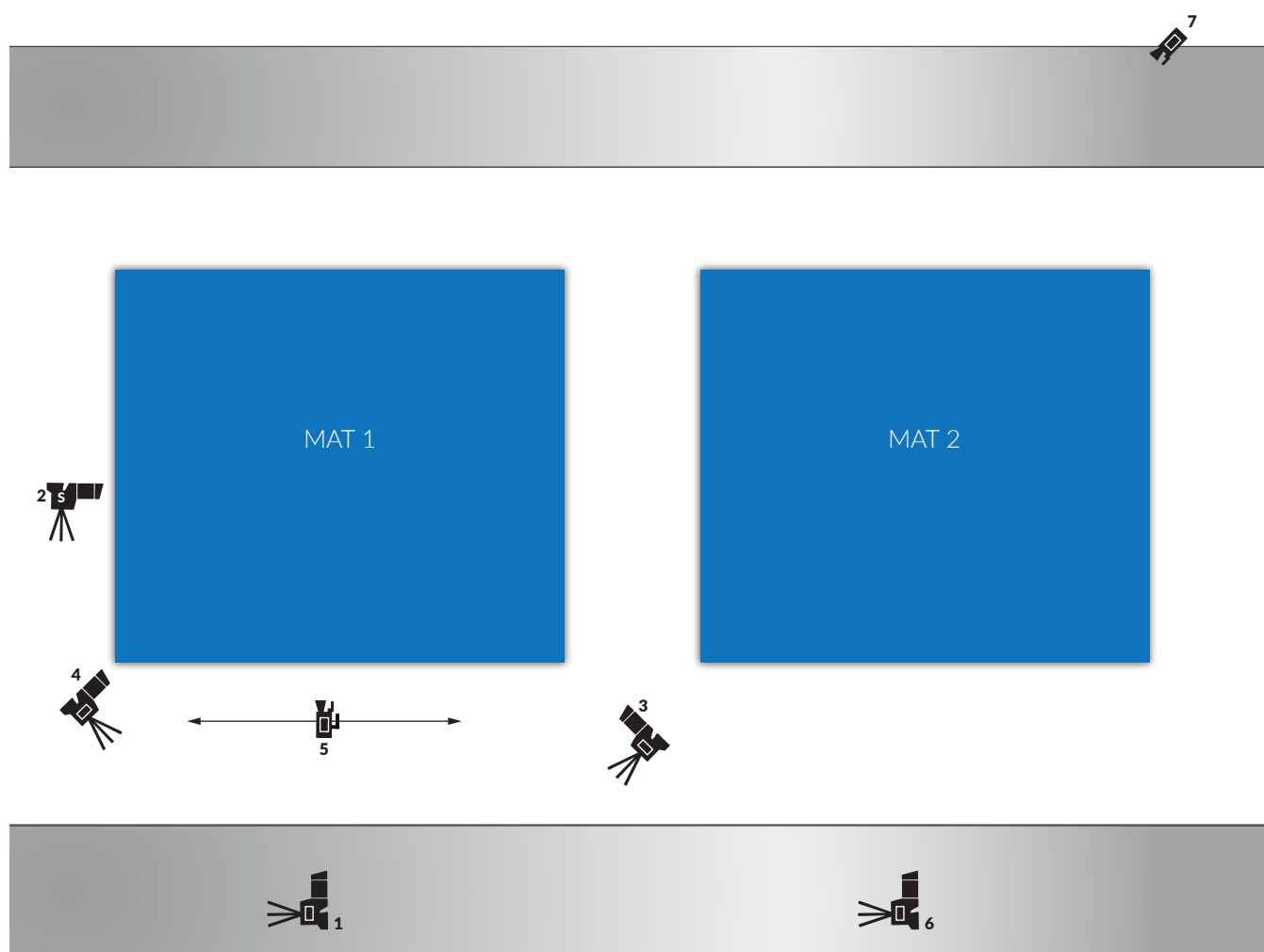




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|---------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In seats centre of mat on platform (TBC on height) | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In line with centre of mat 2 on platform (opposite VIP) | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan



JUJITSU

Dates: 24 August to 26 August

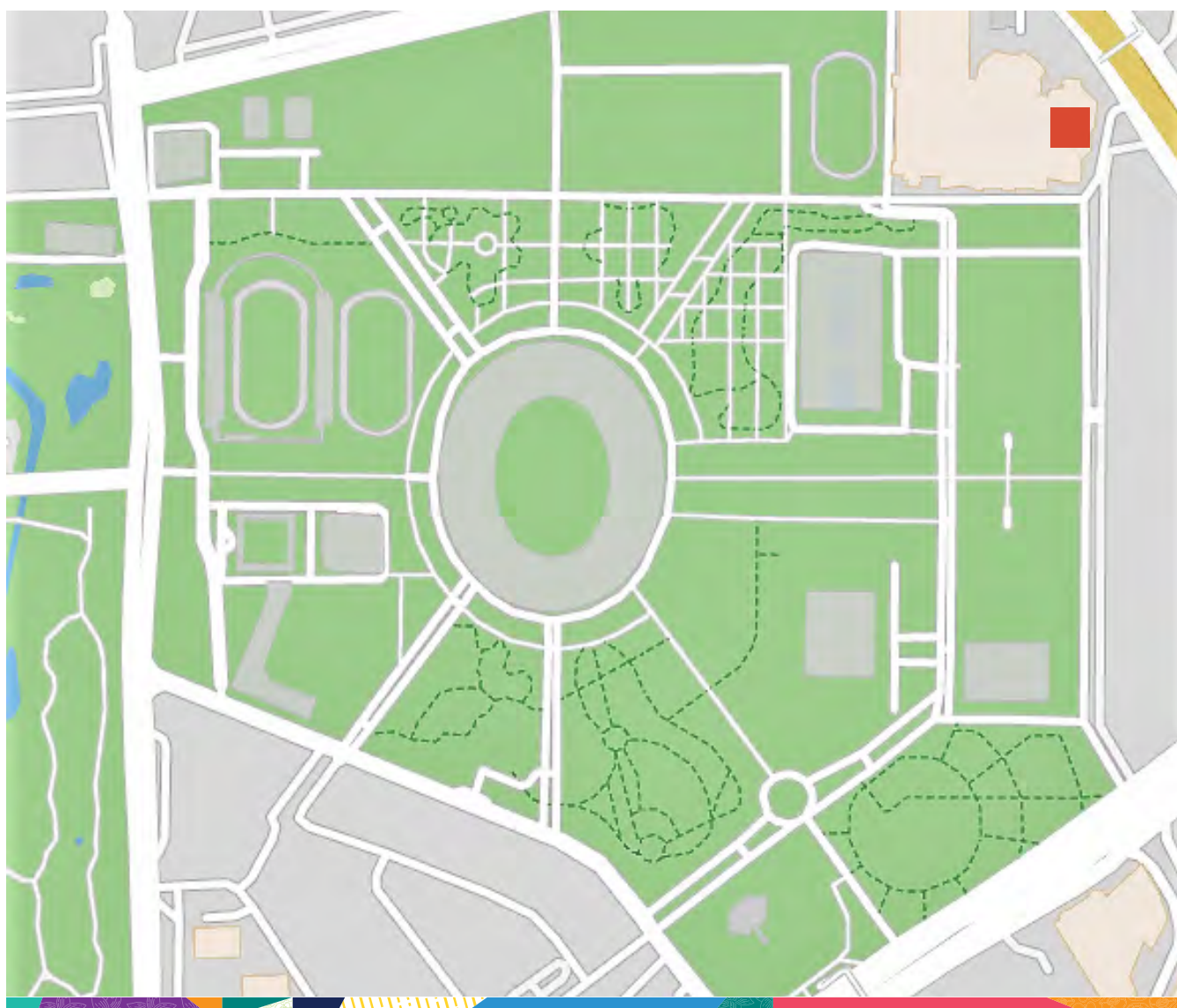
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VENUE FACTS

Venue: JCC Assembly Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

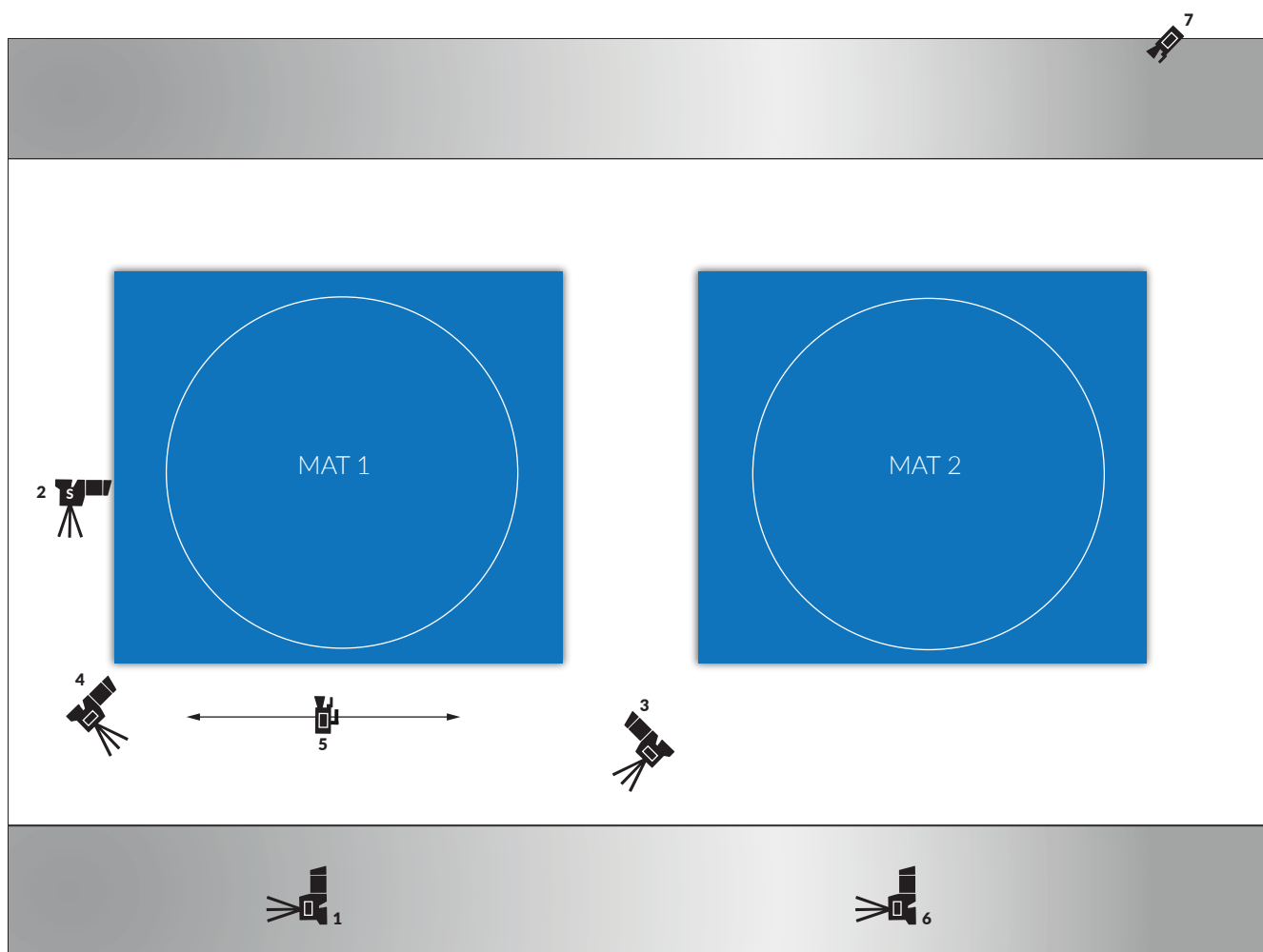




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-----------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In seats centre of mat on platform | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In seats centre of second mat on platform | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan



KABAR SUDI

Dates: 19 August to 24 August

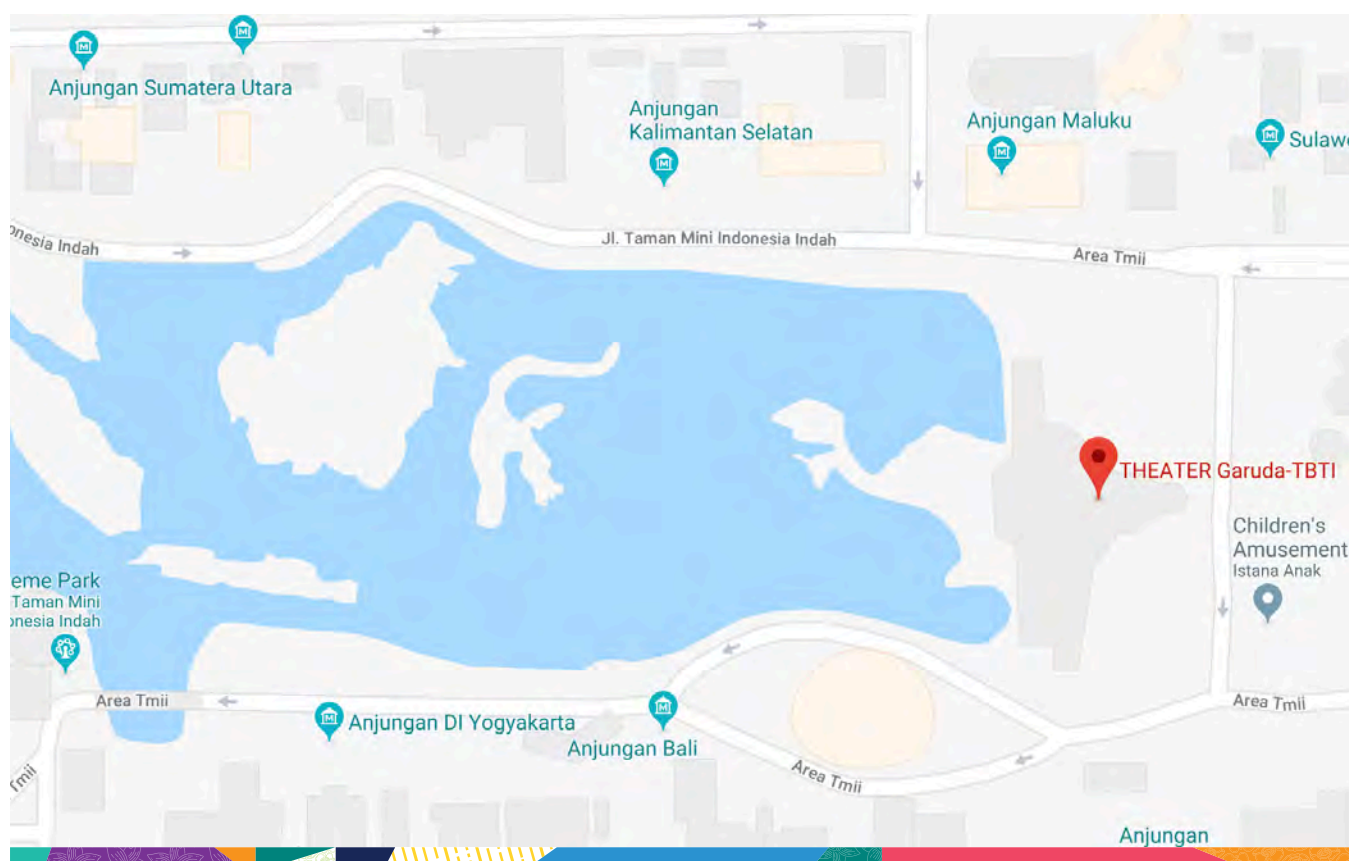
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VENUE FACTS

Venue: Theatre Garuda

Cluster: Jakarta Two

Address: Jl. Cipayung Raya, Ceger, Cipayung, Ceger, Cipayung, Kota Jakarta Timur, Daerah Khusus Ibukota Jakarta 13840

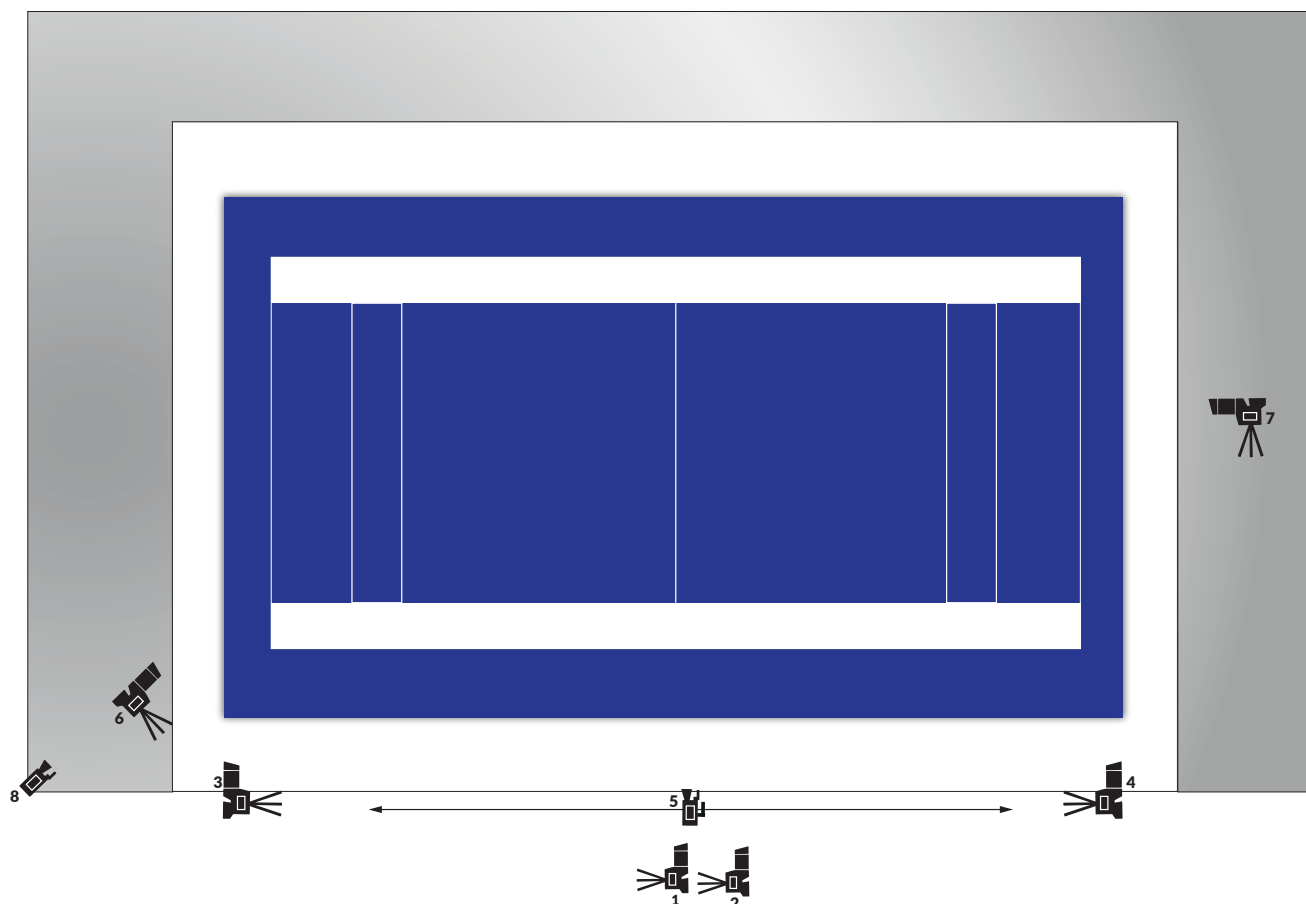




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 86-1 | Platform - On 3m platform on centre of FOP | Close ups and tight coverage |
| 2 | Hardcam | 20-1 | Platform - Beside camera 1 | Master wide shot |
| 3 | Hardcam | 20-1 | On left corner of mat on floor | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on floor | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Super Slow Motion | 86-1 | On near right corner of mat | Alternate coverage of competition |
| 7 | Super Slow Motion | 86-1 | Platform - 90 degrees to camera one at mid height to mat - 4 m platform | Tight close up camera and main replay |
| 8 | Handheld Unmanned | 8-1 | Near right corner of camera one | Fixed beauty shot over hall |

Camera Plan



K&RATE

Dates: 25 August to 27 August

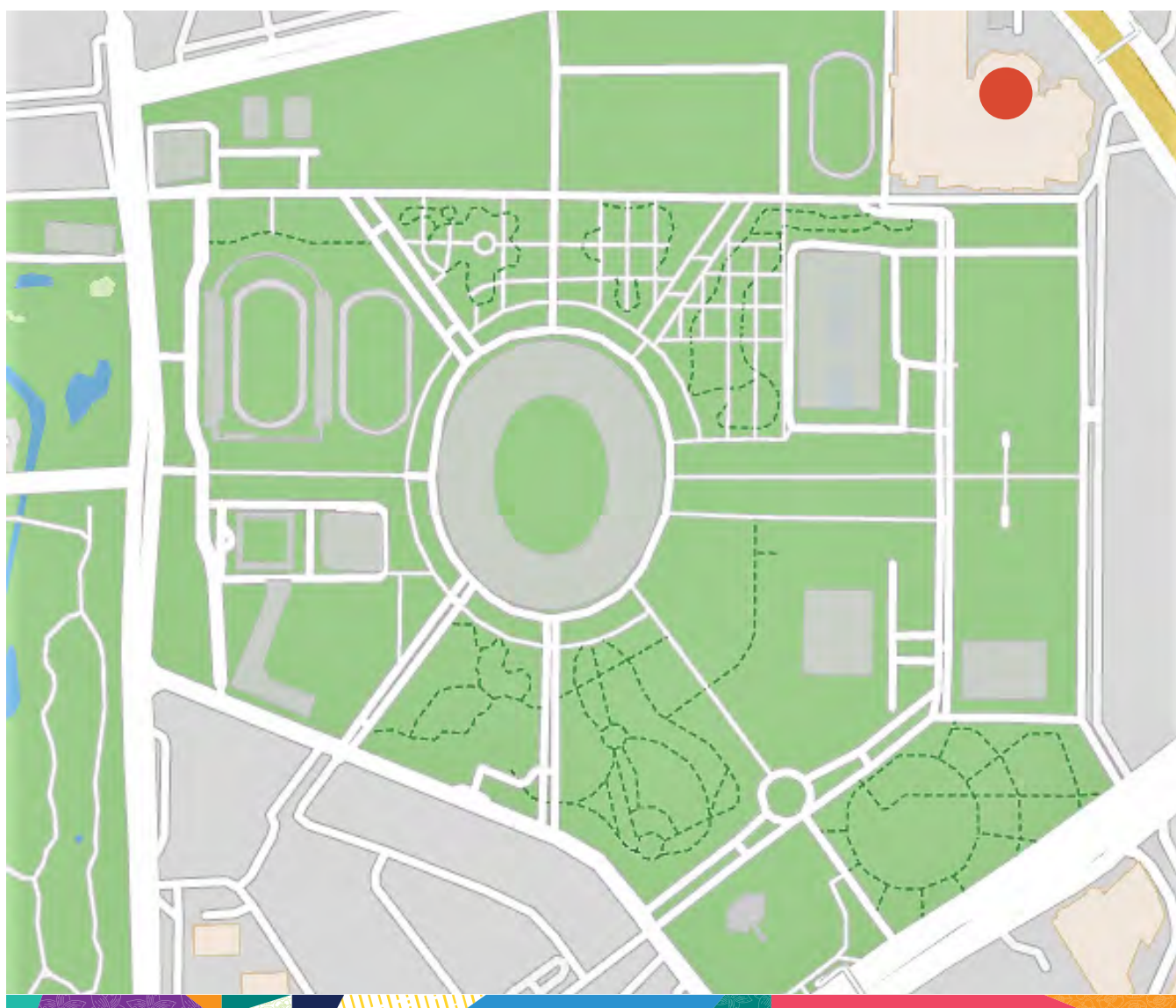
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VENUE FACTS

Venue: JCC Plenary Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

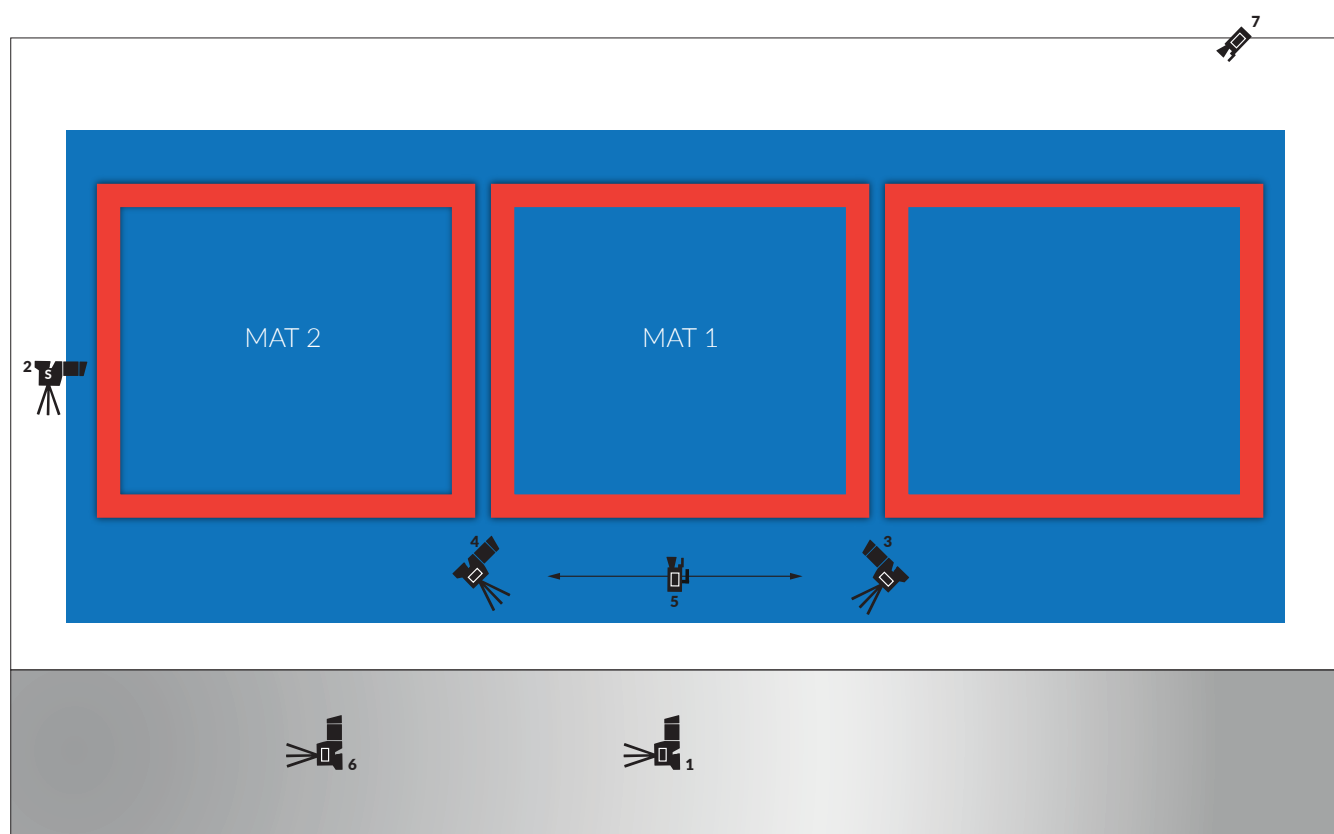




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|---------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In seats centre of mat on platform | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat (TBC on height) | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In seats centre of second mat on platform | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan



KURASH

Dates: 28 August to 30 August

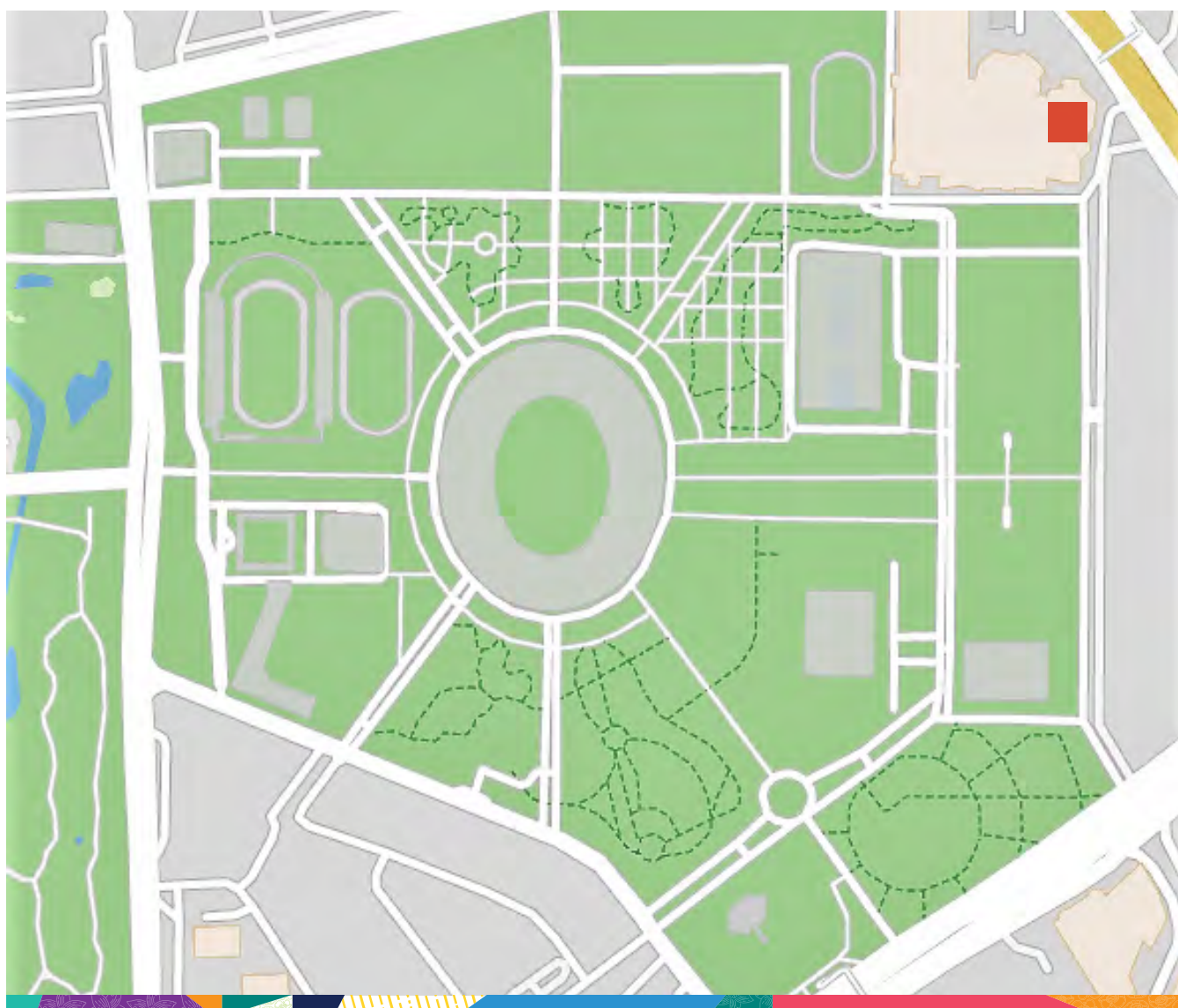
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VENUE FACTS

Venue: JCC Assembly Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

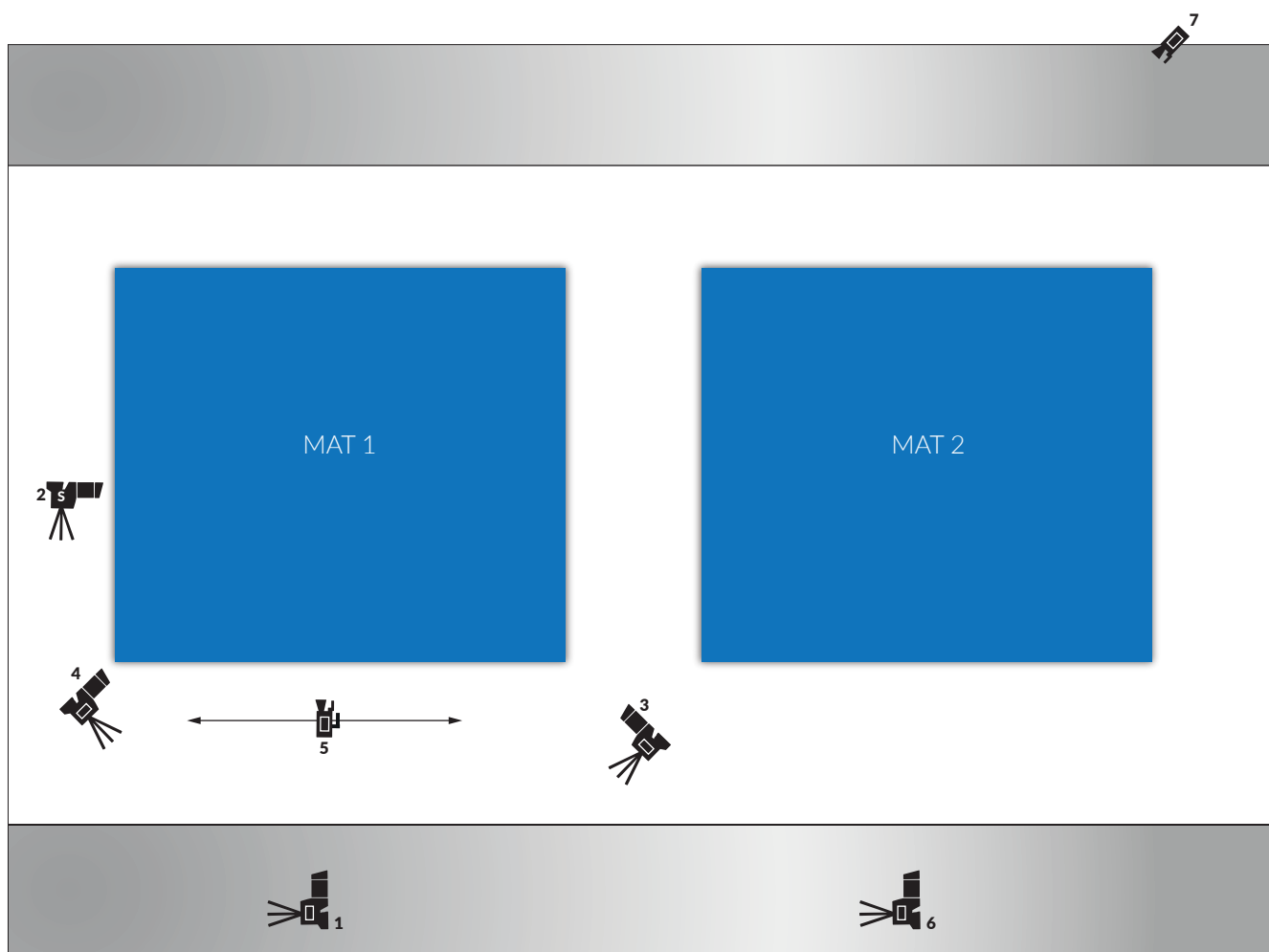




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-----------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In seats centre of mat on platform | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In seats centre of second mat on platform | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan



PENCAK SILAT

Dates: 23 August to 29 August

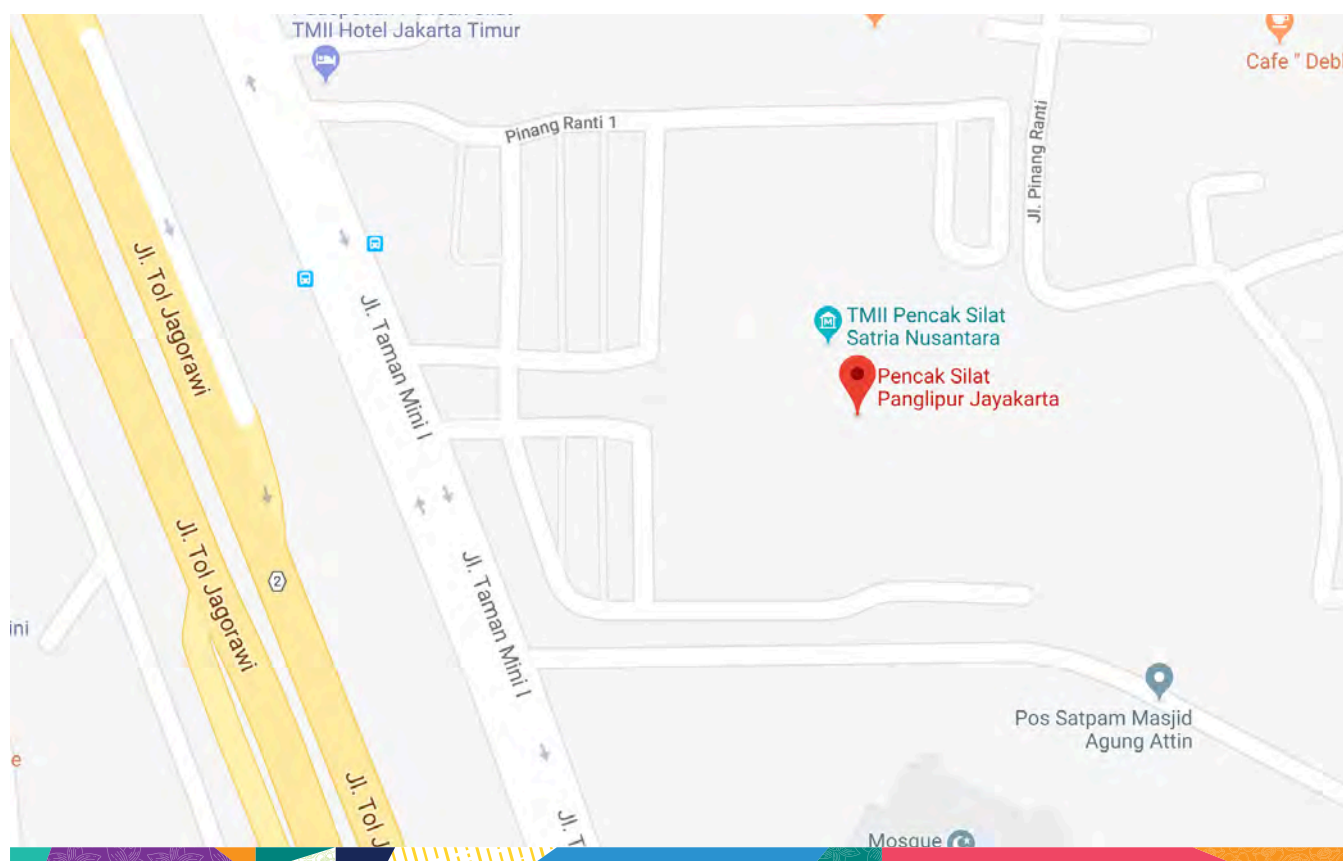
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
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VENUE FACTS

Venue: Padepokan Silat, TMII

Cluster: Jakarta Two

Address: Jalan Raya Taman Mini II, RW No.3, RW.3, Pinang Ranti, Makasar, Kota Jakarta Timur, Daerah Khusus Ibukota, Jakarta 13560

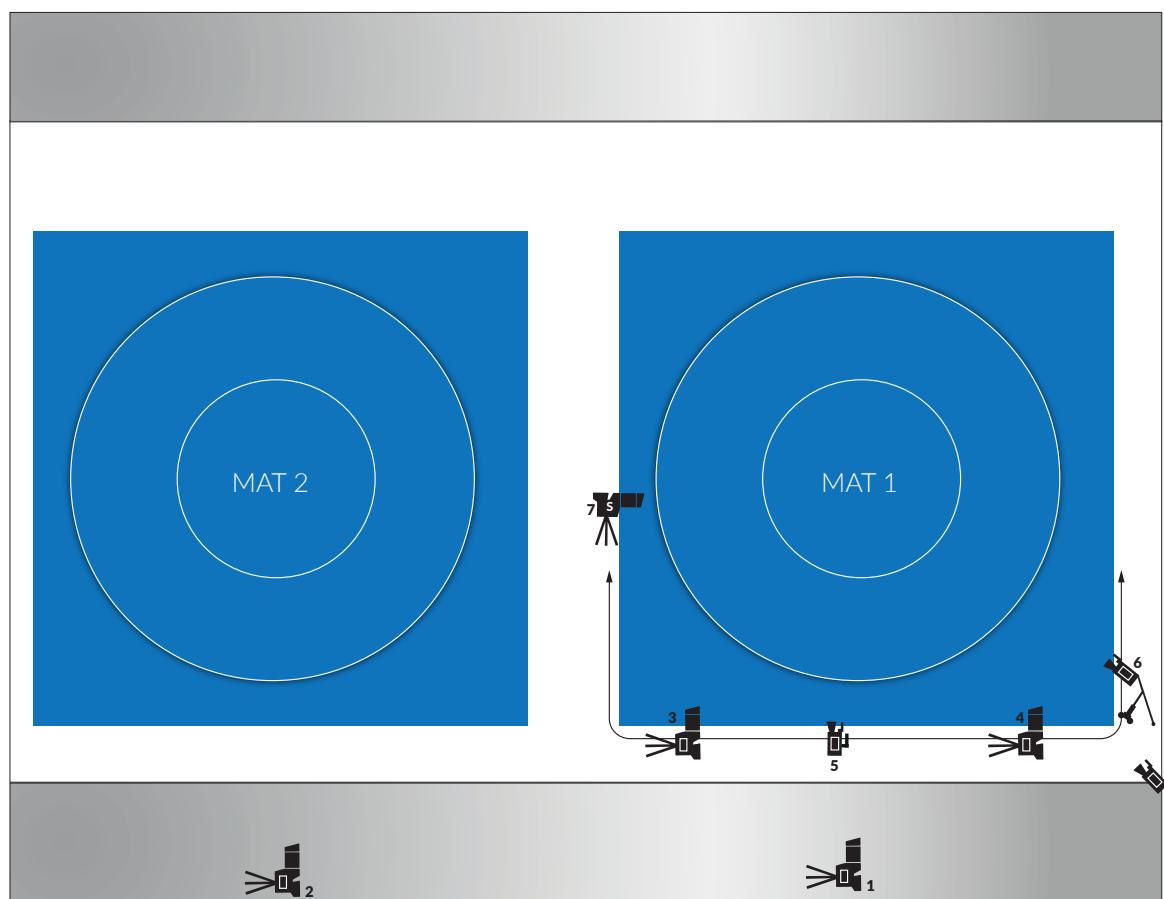




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|---------------------------|------|--------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 86-1 | High in seats centre of mat 1 | Master shot for main cover mat |
| 2 | Hardcam | 86-1 | High in seats, centre of mat 2 | Master shot for 2nd mat |
| 3 | Hardcam | 20-1 | On left corner of mat on 0.5 platform | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on 0.5 platform | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Handheld on 6m camera jib | 11-1 | Platform - Right near corner of cam 1 in lower stand | Alternate coverage of fights |
| 7 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat on floor | Tight close up camera and main replay |
| 8 | Handheld Unmanned | 8-1 | In corner of hall on far right hand near corner | Fixed beauty shot over hall |

Camera Plan





ROLLER BLADING

Dates: 31 August

| | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
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VENUE FACTS

Venue: JSC Sepatu Roda

Cluster: Palembang

Address: Jl. Gubernur H. A Bastari, 15 Ulu, Seberang Ulu I, Palembang City, South Sumatra 30267

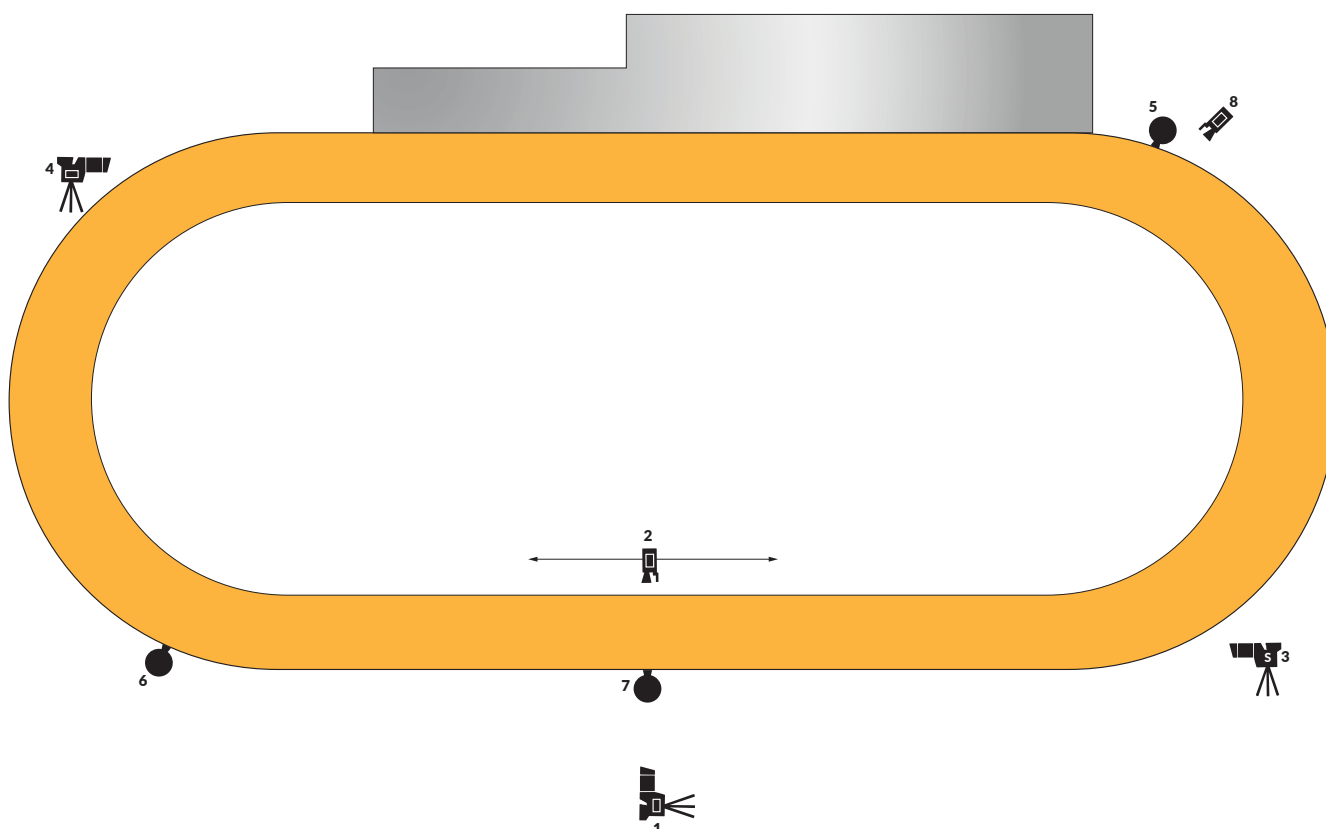




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|----------------------------------------------------|--------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | High wide over start and finish line - 3m platform | Main master coverage of all competition |
| 2 | Handheld | 11-1 | Low on start and finish line - roving camera | Close-ups at start, finish and medal ceremonies |
| 3 | Super Slow Motion | 86-1 | Head on to start and finish - 4m platform | Tight close ups and replays of start and finish and event coverage |
| 4 | Hardcam | 86-1 | Head on to third bend - 4m platform | Tight close ups and replays of event coverage |
| 5 | Cueball cameras | 11-1 | At the second bend | Event coverage |
| 6 | Cueball cameras | 11-1 | At the third bend | Event coverage |
| 7 | Cueball cameras | 11-1 | Low in line with finish line | Tight close ups of athletes at finish line |
| 8 | Handheld Unmanned | 8-1 | On 4m existing tower at second bend | Fixed beauty shot of arena |

Camera Plan



RUGBY SEVENS

Dates: 30 August to 1 September

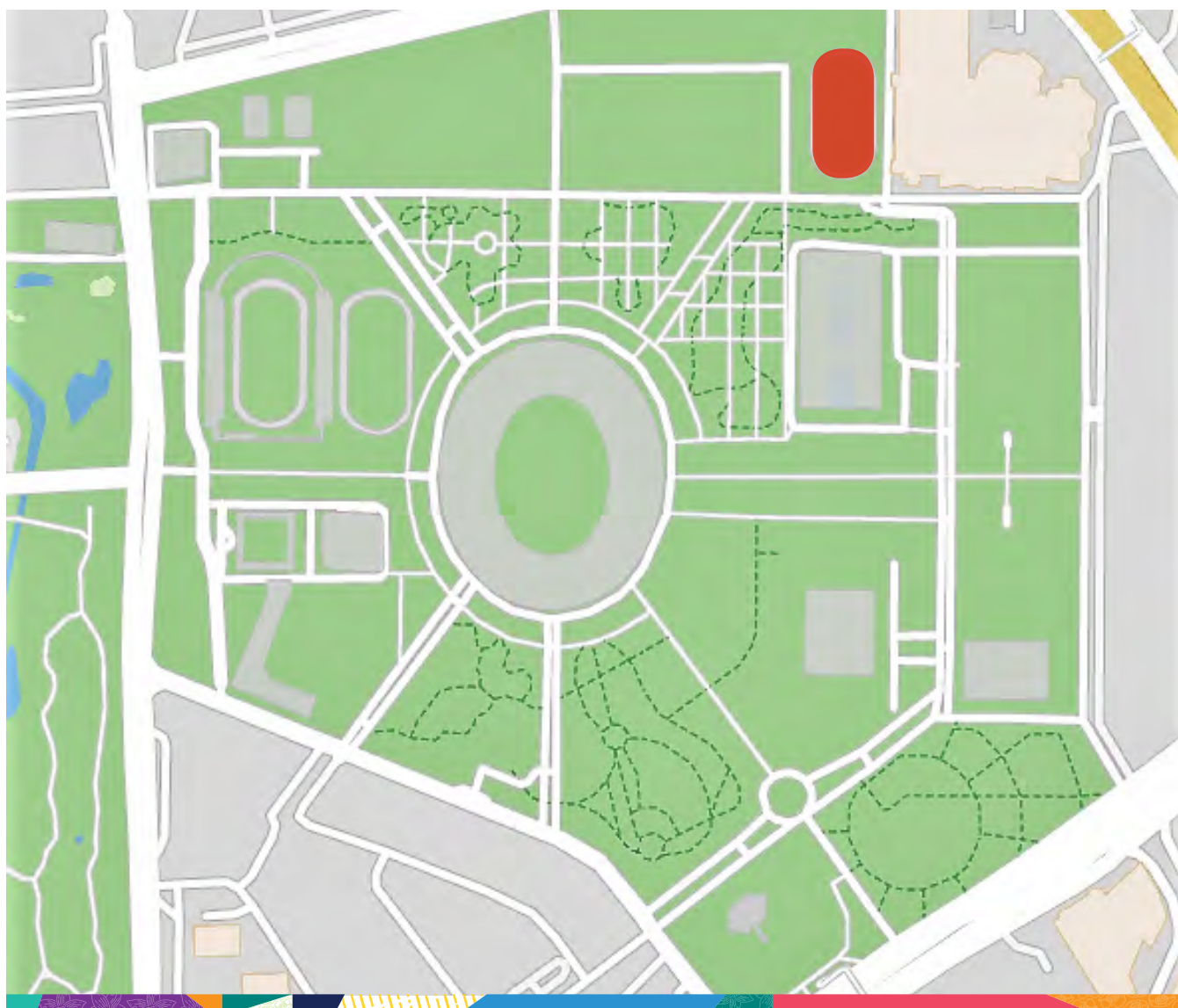
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| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
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VENUE FACTS

Venue: GBK Rugby Field

Cluster: Jakarta One

Address: Jl. Gerbang Pemuda No.3, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota, Jakarta 10270

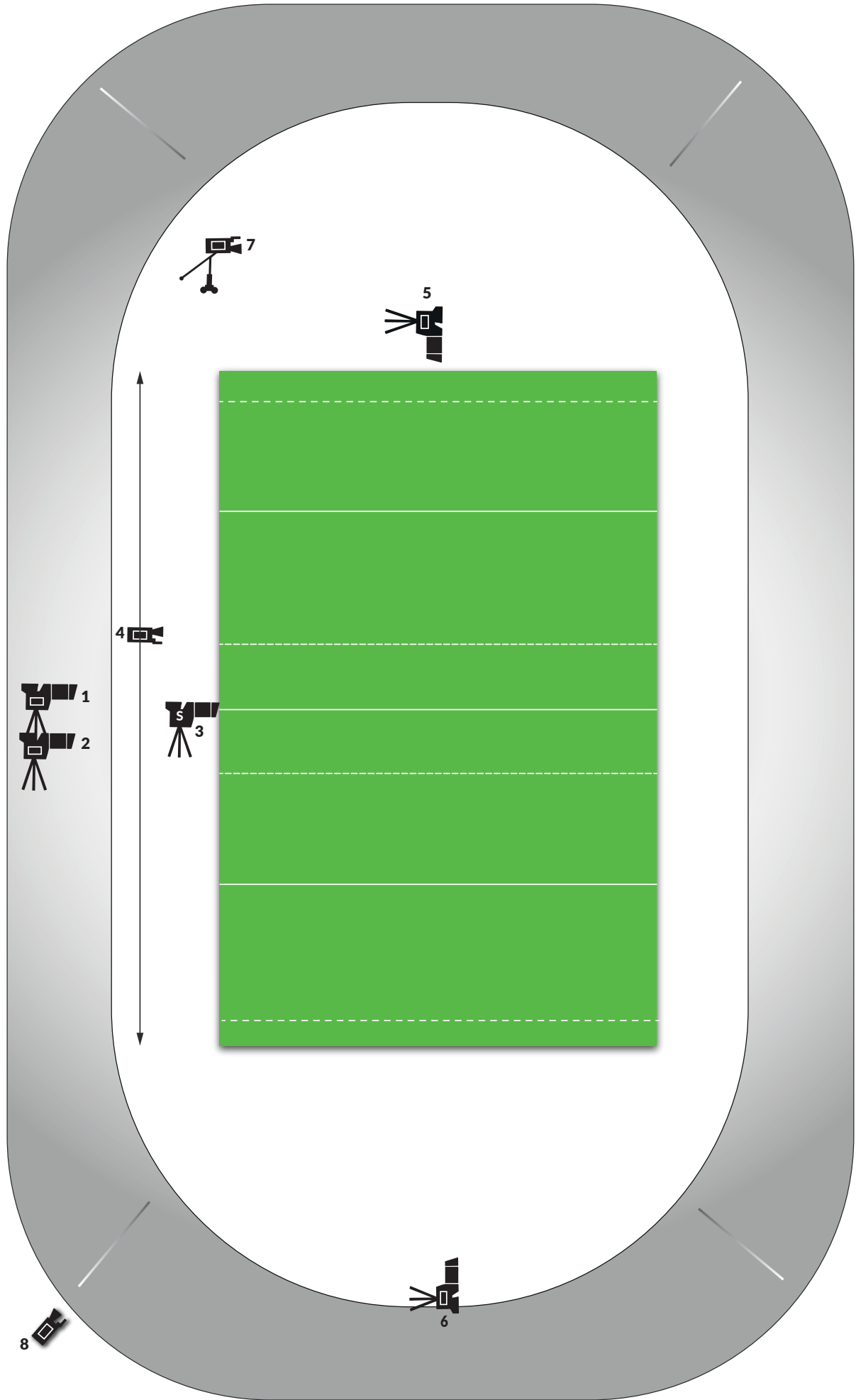




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|--------------------------------------------------------------------------|-------------------------------------------------|
| 1 | Hardcam | 20-1 | Platform - High centre of pitch | Wide master shot |
| 2 | Hardcam | 86-1 | Next to cam 1 on platform - halfway line | Tight close up follow shot |
| 3 | Super Slow Motion | 86-1 | Centre at ground level on low tripod on half way line | Tight close ups of action and players |
| 4 | Handheld | 11-1 | Sideline and try line | Line-outs and action shots, teams out |
| 5 | Hardcam | 86-1 | Low behind left hand try line - 2m platform | End on coverage for replays and live situations |
| 6 | Hardcam | 86-1 | High behind Left hand try line - 6m platform behind fence - remove fence | End on coverage for replays |
| 7 | Handheld on Jib | 20-1 | Left nearside corner to camera one | End on coverage for replays |
| 8 | Handheld Unmanned | 8-1 | High corner of stadium | Fixed beauty shot over FOP |

Camera Plan



SAMBO

Dates: 31 August to 1 September

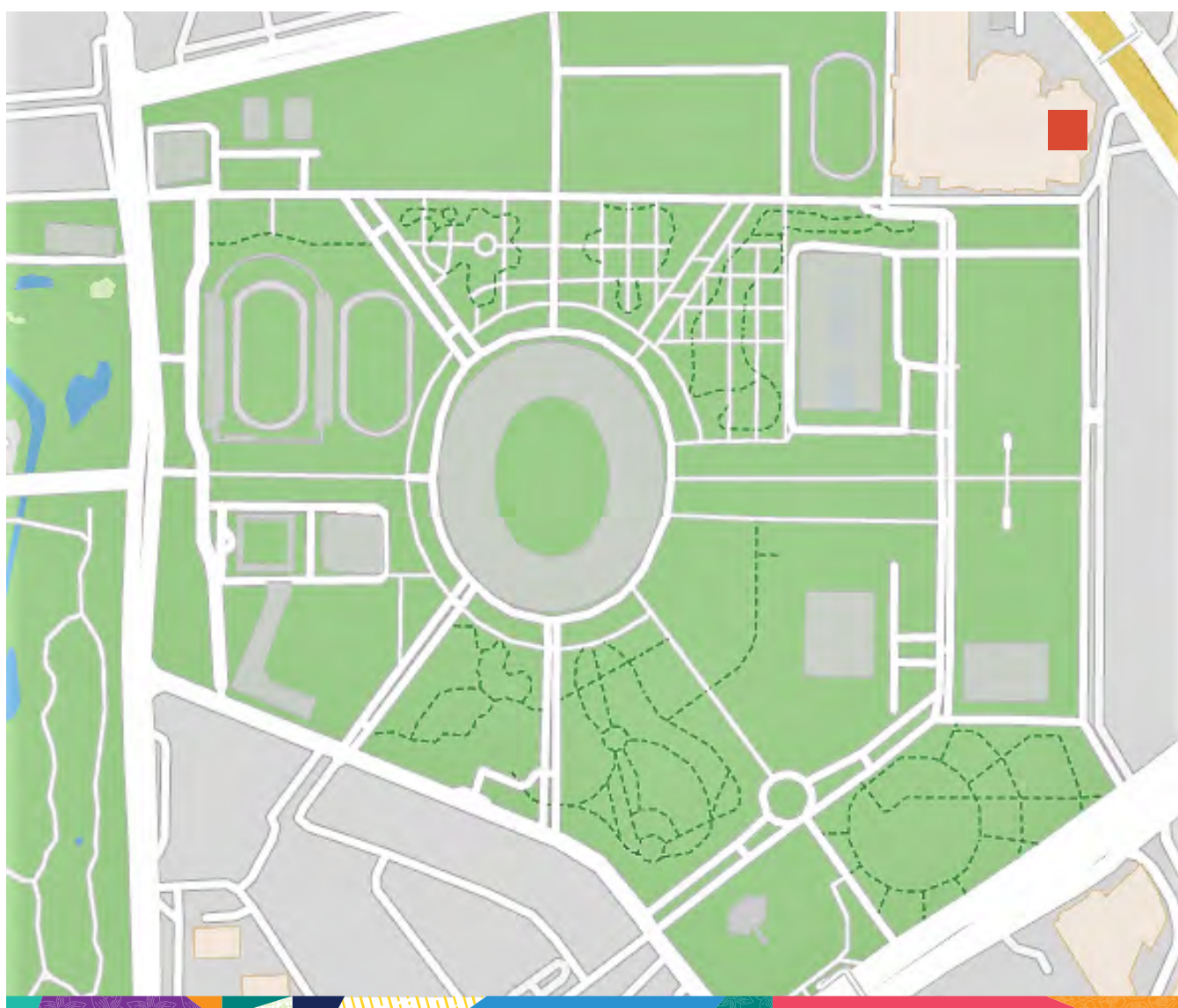
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VENUE FACTS

Venue: JCC Assembly Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota, Jakarta 10270

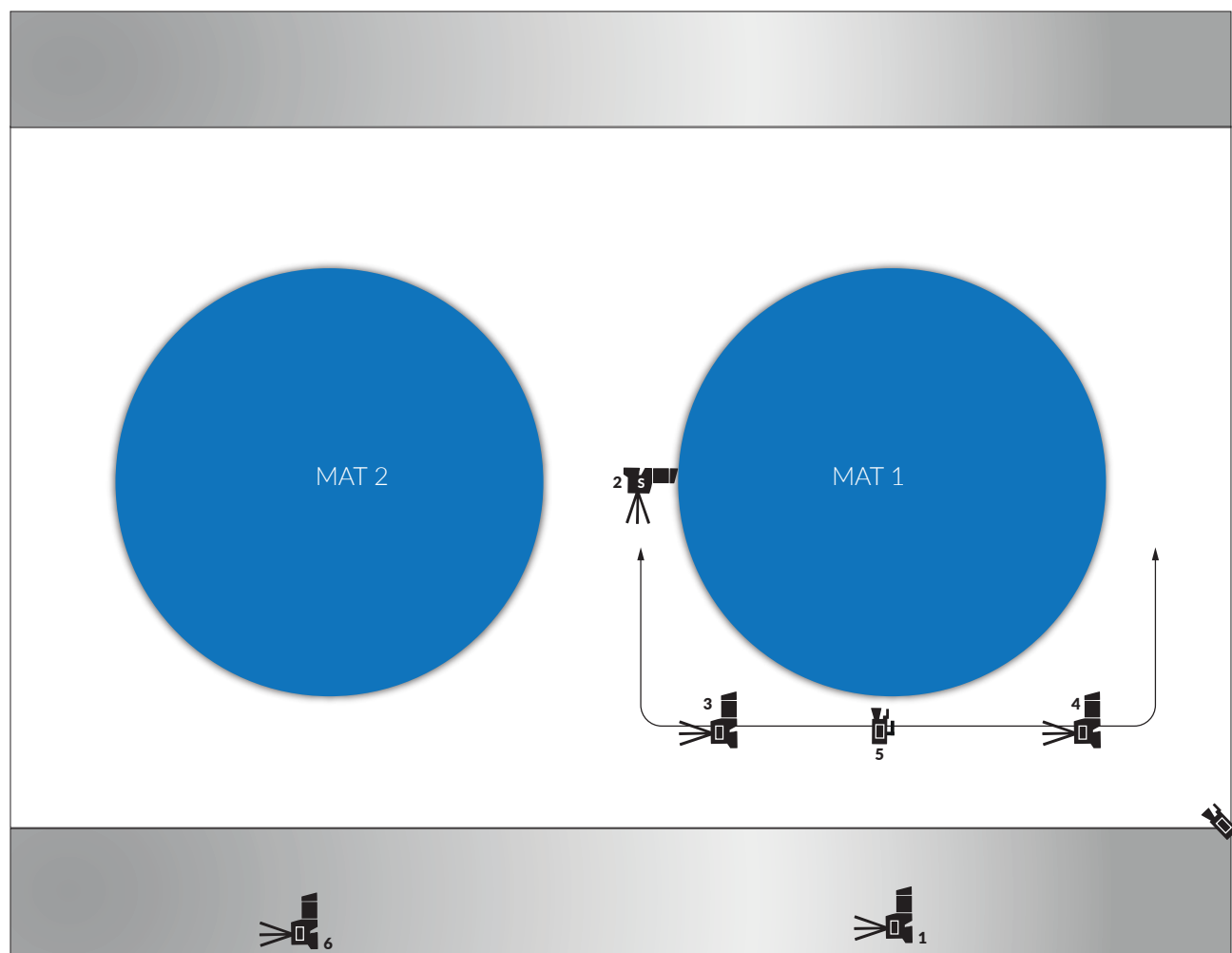




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-----------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In seats centre of mat on platform | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In seats centre of second mat on platform | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan



SEPAK AKRAW

Dates: 19 August to 1 September

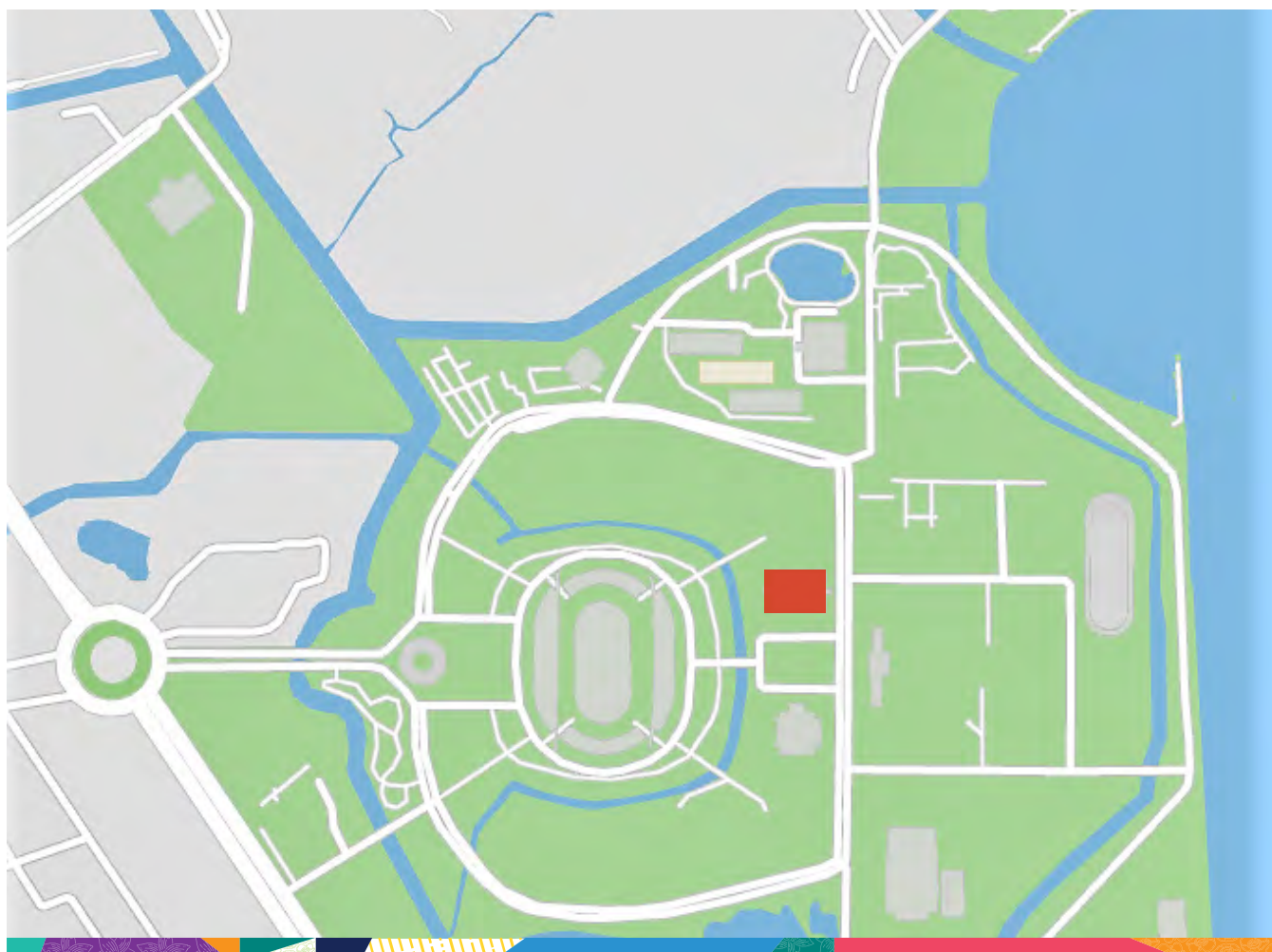
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VENUE FACTS

Venue: JSC Ranau Hall

Cluster: Palembang

Address: Jl. Gubernur H. A Bastari, 15 Ulu, Seberang Ulu I, Kota Palembang, Sumatera Selatan

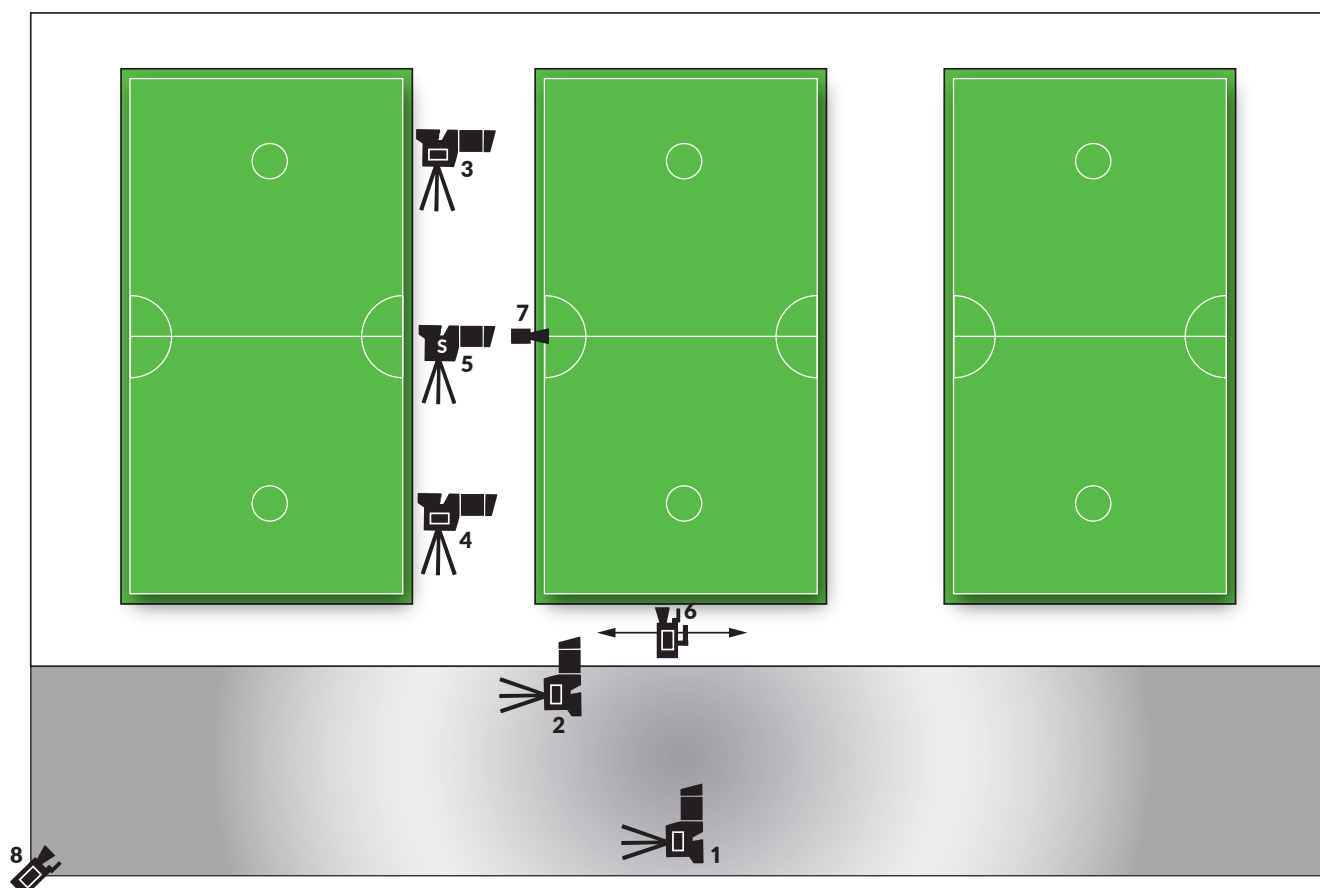




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | At front of top entrance facing VIP | Wide master shot |
| 2 | Hardcam | 86-1 | Platform - 2m high on corner of court | Close ups of players and action |
| 3 | Hardcam | 20-1 | On side of the court at the far end. Tripod with rolling base | Far side of court coverage |
| 4 | Hardcam | 20-1 | On side of court at the near end. Tripod with rolling base | Near side of court coverage |
| 5 | Super Slow Motion | 86-1 | Platform - Super Slow Mo camera on 0.6m riser behind referee table | Close ups of players and action |
| 6 | Handheld | 20-1 | On left corner of court, with light weight tripod/handheld | Close ups of players and action. Introductions and medal presentations- pre and post stand up |
| 7 | Mini Chip | 8-1 | On net on near side | Fixed net cam |
| 8 | Handheld Unmanned | 11-1 | In left corner of arena | Fixed beauty shot over arena |

Camera Plan



SHOOTING

Dates: 19 August to 26 August

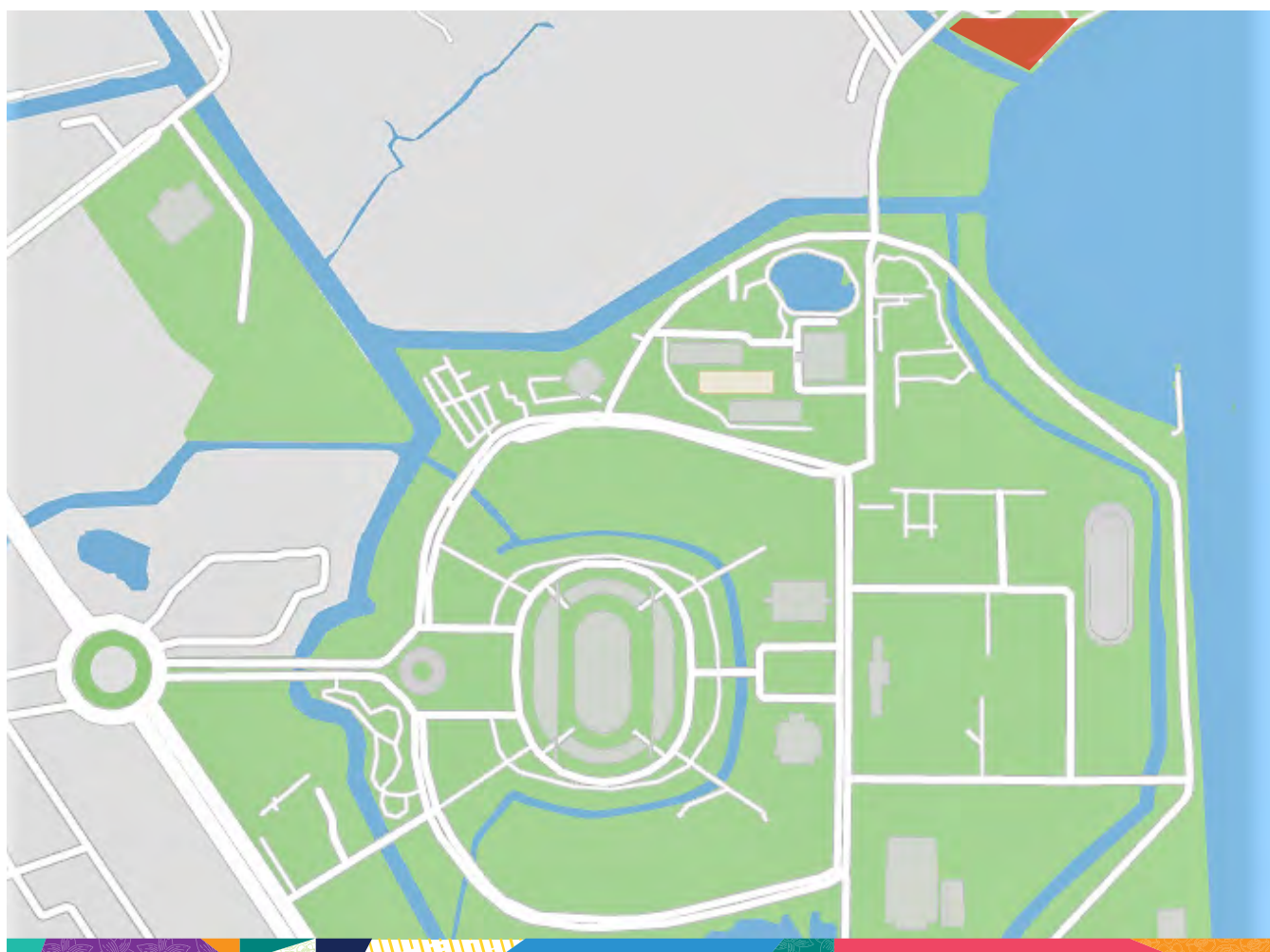
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| | | | | | | M | M | M | M | M | M | M | M | | | | | | | |

VENUE FACTS

Venue: JSC Shooting Range

Cluster: Palembang

Address: Sentosa, Seberang Ulu II, Palembang City, Sumatera Selatan 30267

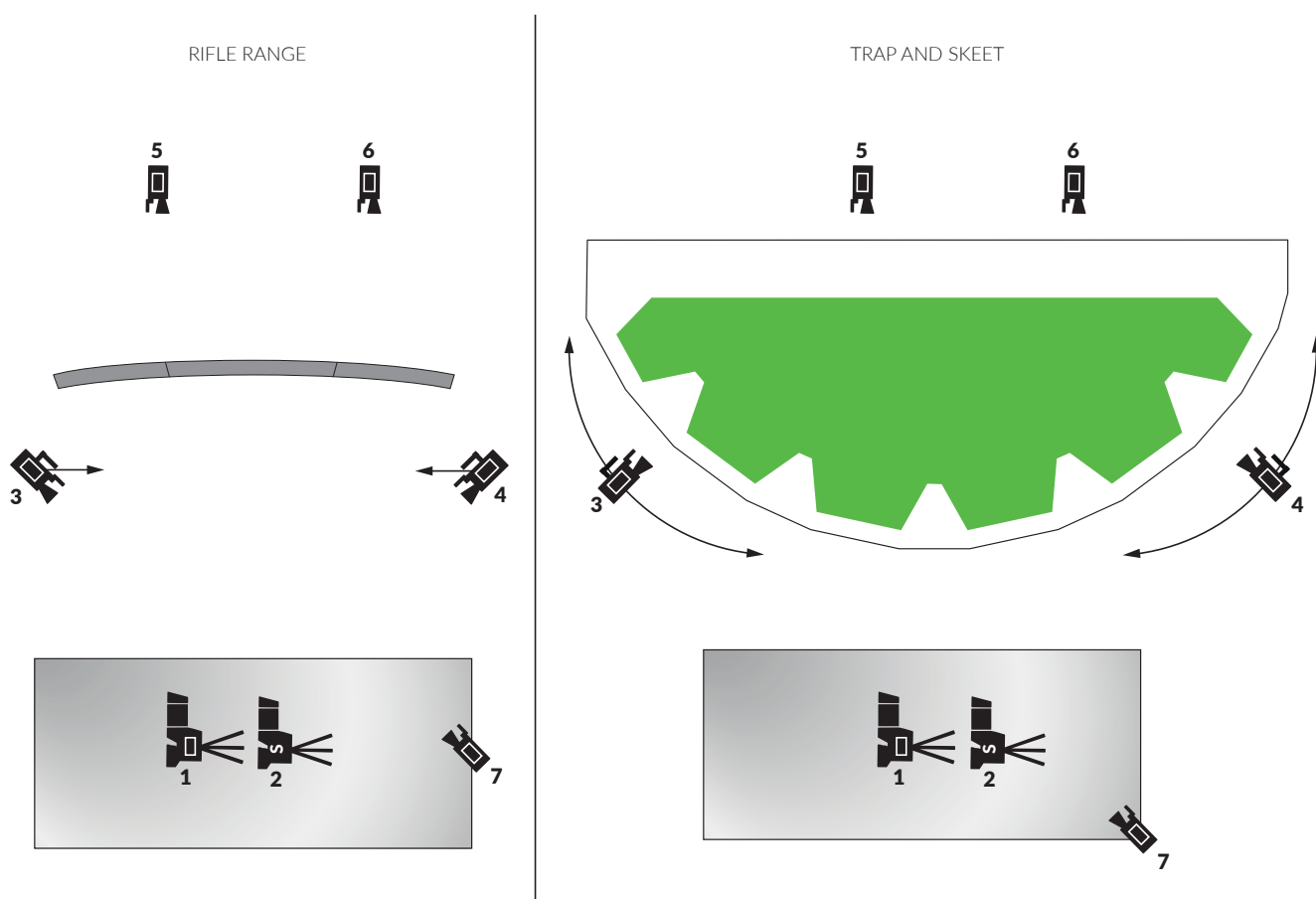




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|---------------------|------|--------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1 | Hardcam | 86-1 | Low behind range - 1m for Range and 3m for Trap and Skeet | Master coverage replays |
| 2 | Super Slow Motion | 86-1 | High behind shotgun range. 1m high for Range and 3m high for Trap and Skeet | Master coverage of SSM replays |
| 3 | Roving Handheld | 20-1 | Around arena | Close ups of competitors, coverage and medals ceremonies |
| 4 | Roving Handheld | 20-1 | Around arena | Close ups of competitors, coverage and medals ceremonies |
| 5 | Handheld on hothead | 20-1 | Head on shotgun coverage | Action close ups of shotgun competitors |
| 6 | Handheld on hothead | 20-1 | Head on shotgun coverage | Action coverage of shotgun competitors |
| 7 | Handheld | 11-1 | Beauty shot - left near corner of Trap and Skeet and Halfway down in corner of range | Venue beauty |

Camera Plan



SKATEBOARDING

Dates: 28 August to 29 September

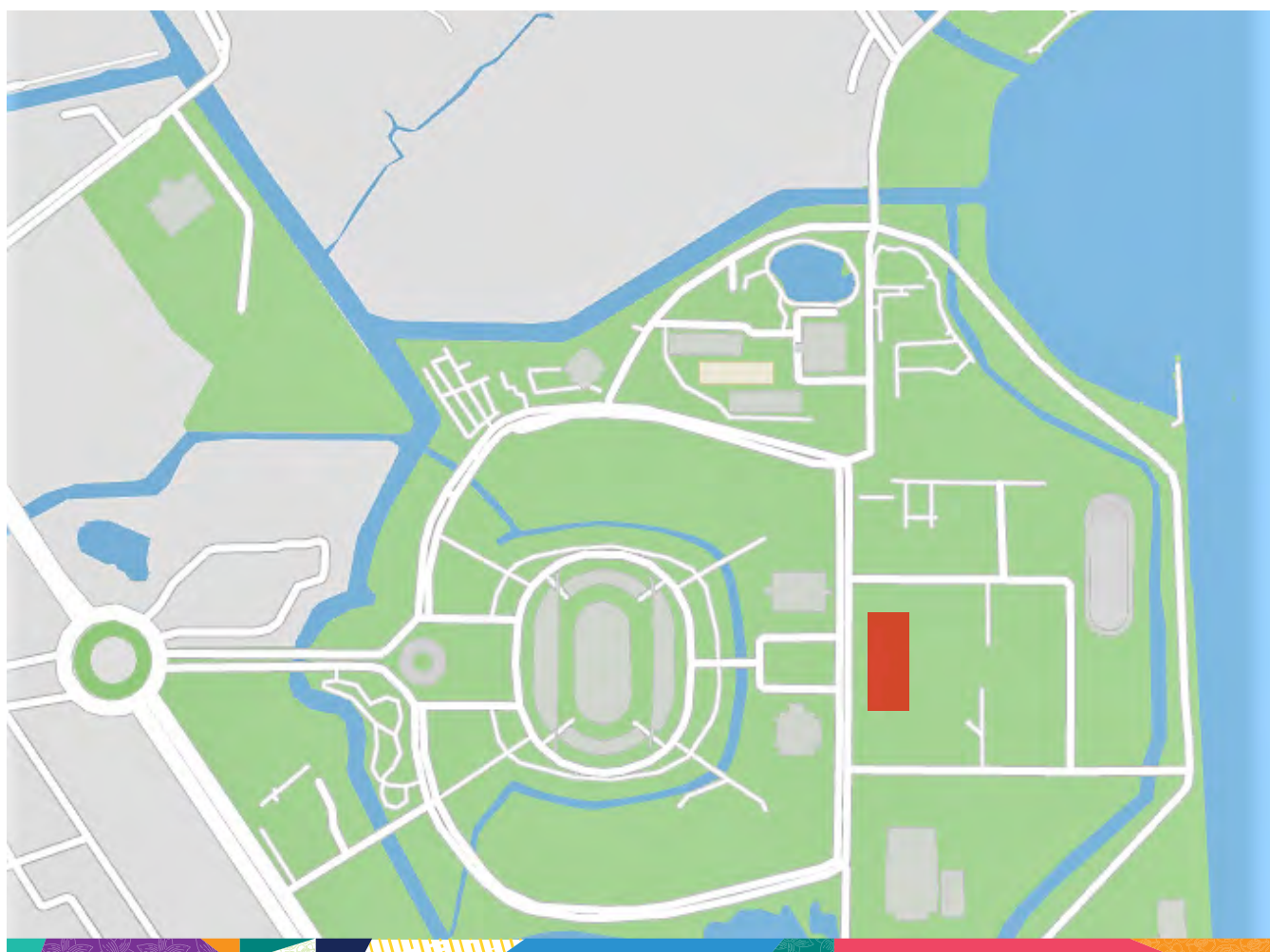
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | | | | | | • | M | | | | |

VENUE FACTS

Venue: JSC Sepatu Roda

Cluster: Palembang

Address: Jl. Gubernur H. A Bastari, 15 Ulu, Seberang Ulu I, Palembang City, South Sumatra 30267

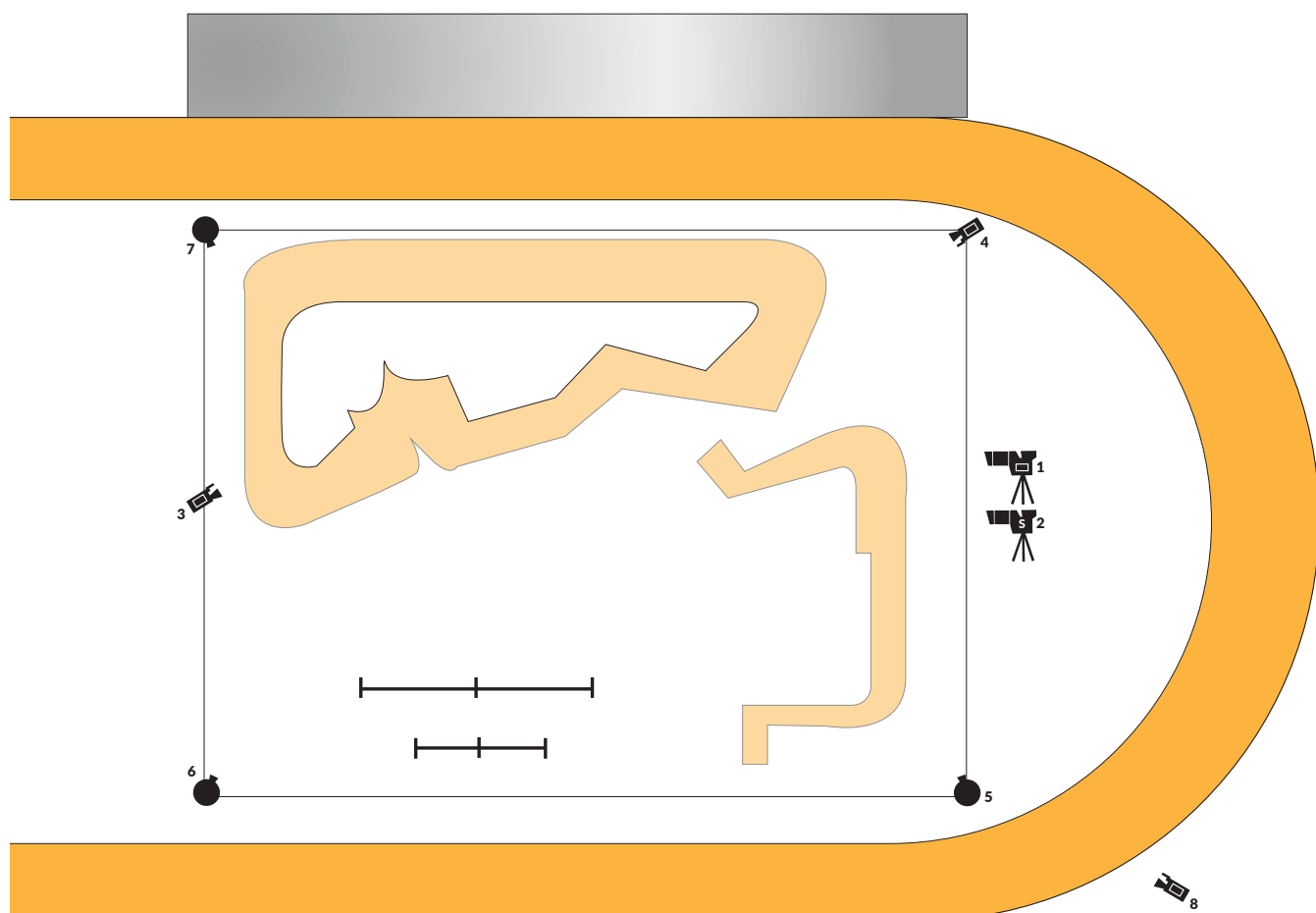




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|---------------------------------------------------------|------------------------------|
| 1 | Hardcam | 20-1 | Platform - 3m high at one end of field of play | Main master shot |
| 2 | Super Slow Motion | 86-1 | Next to camera 1 | Replay tight coverage |
| 3 | Handheld | 11-1 | Various locations on FOP | Event coverage |
| 4 | Handheld | 11-1 | Various locations on FOP | Event coverage |
| 5 | Cueball cameras | 11-1 | Right corner of FOP | Event coverage |
| 6 | Cueball cameras | 11-1 | Left corner of FOP | Event coverage |
| 7 | Cueball cameras | 11-1 | Next to FOP | Event coverage |
| 8 | Handheld Unmanned | 8-1 | On Pylon left hand back corner - same as sport climbing | Fixed beauty shot over arena |

Camera Plan



SOFTBALL

Dates: 19 August to 24 September

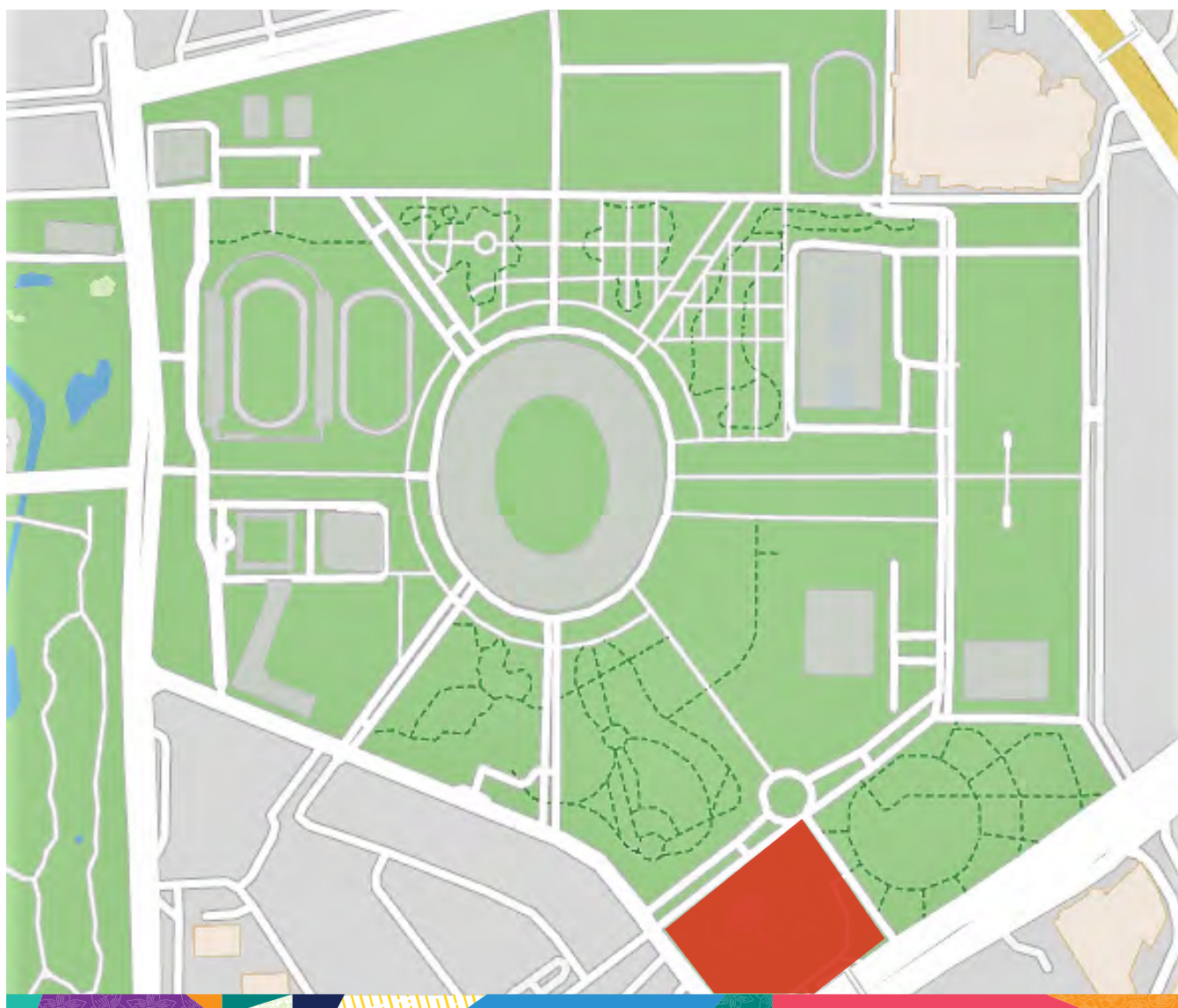
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | • | • | • | • | • | M | | | | | | | | | |

VENUE FACTS

Venue: GBK Softball Field

Cluster: Jakarta One

Address: East Door Senayan, Jalan Pintu Satu Senayan, RT.1/RW.3, Gelora, Tanah Abang, Central Jakarta City, Jakarta 10270

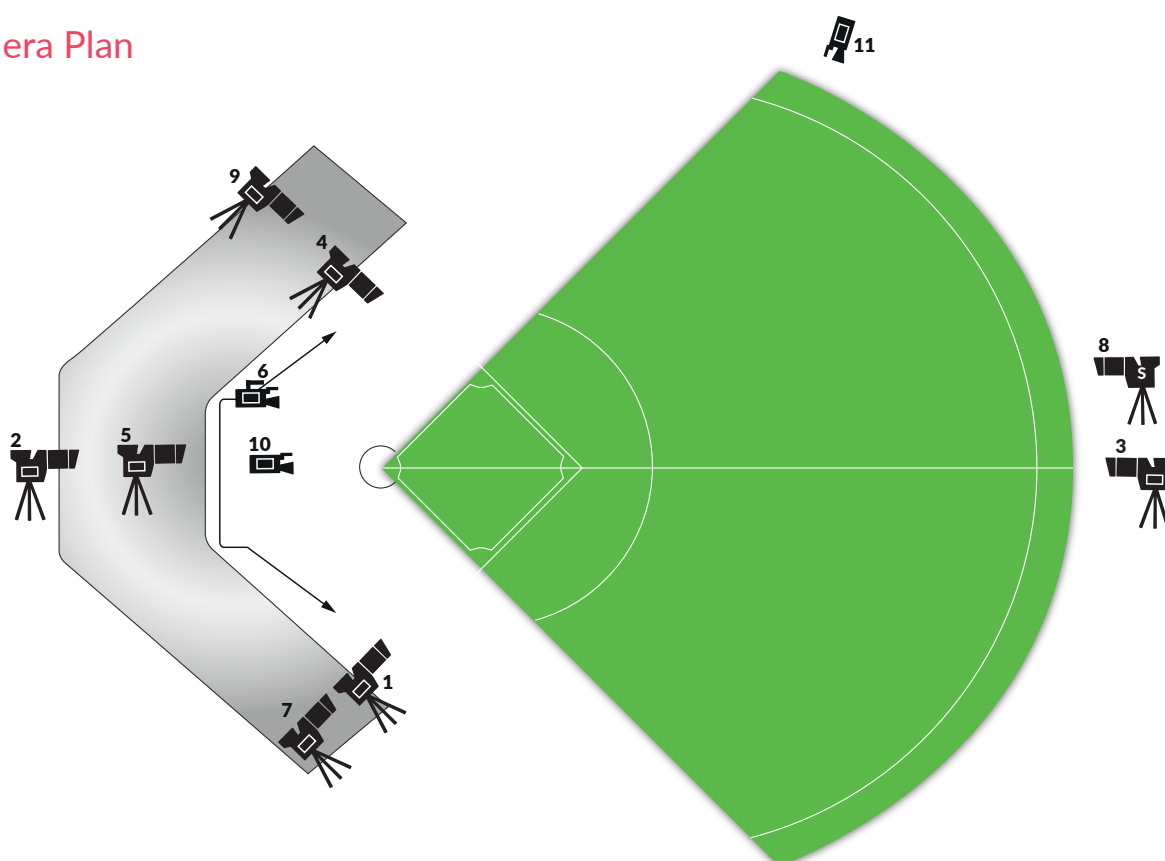




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|------------------------------------------------------------------|-------------------------------------|
| 1 | Hardcam | 86-1 | Low, first base dugout. In fenced off area near bench. | Right handed |
| 2 | Hardcam | 86-1 | High on Home Plate on 9m platform - cut a hole through the fence | Master shot, ball flight |
| 3 | Hardcam | 86-1 | Centre field next to edge of sight screen on 5m platform | Batter / pitcher shot |
| 4 | Hardcam | 86-1 | Low, third base dugout in fenced off area by bench | Left-handed |
| 5 | Hardcam | 86-1 | Low behind catcher | Pitch close-up |
| 6 | Handheld | 11-1 | Roving handheld | First, third, dugout |
| 7 | Hardcam | 86-1 | High first base on 6m platform | Ball flight, Base runners |
| 8 | Super Slow Motion | 86-1 | Centre field next to edge of sight screen on 5m platform | Pitcher, Batter, close-ups, replays |
| 9 | Hardcam | 86-1 | High third base on top of roof of spectator area | Ball flight, Base runners |
| 10 | Mini single chip | 8-1 | Umpire Shoulder Camera | Pitch location |
| 11 | Handheld Unmanned | 8-1 | High on light pole on far left corner of field | Beauty Shot |

Camera Plan



SPORT CLIMBING

Dates: 23 August to 27 September

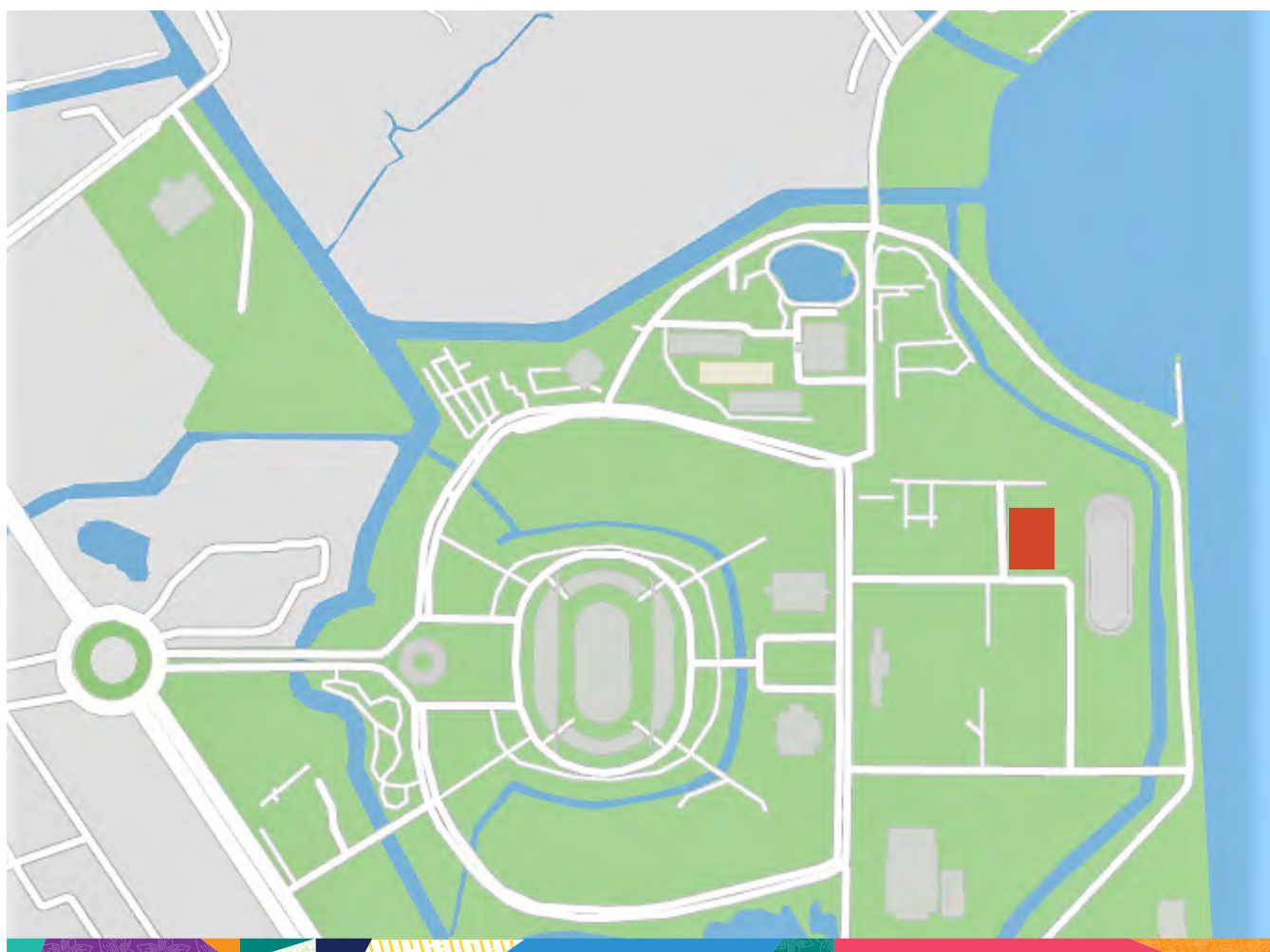
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | | | | | M | • | • | M | M | | | | | | |

VENUE FACTS

Venue: JSC Panjat Tebing

Cluster: Palembang

Address: Jl. Gubernur H. A Bastari, 15 Ulu, Seberang Ulu I, Palembang City, South Sumatra 30267





Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|--------------------------------------------------------------------------------|------------------------------|
| 1 | Hardcam | 20-1 | Platform - 3m high & 4m wide by stands. On floor level for bouldering coverage | Main master shot |
| 2 | Super Slow Motion | 86-1 | Next to camera 1 on platform and on floor level for bouldering coverage | Replay tight coverage |
| 3 | Handheld | 11-1 | Various locations on FOP | Event coverage |
| 4 | Handheld | 11-1 | Various locations on FOP | Event coverage |
| 5A | Cueball cameras | 11-1 | Looking down from top of Boulder Wall | Tight coverage of athlete |
| 5B | Cueball cameras | 11-1 | Looking down from top of Lead Wall | Tight coverage of athlete |
| 5C | Cueball cameras | 11-1 | Looking down from top of speed track wall | Tight coverage of athlete |
| 6A | Cueball cameras | 11-1 | Looking down from top of Boulder Wall | Tight coverage of athlete |
| 6B | Cueball cameras | 11-1 | Looking down from top of Lead Wall | Tight coverage of athlete |
| 6C | Cueball cameras | 11-1 | Looking down from top of speed track wall | Tight coverage of athlete |
| 7A | Cueball cameras | 11-1 | Side of Boulder Wall mounted on pole | Tight coverage of athlete |
| 7B | Cueball cameras | 11-1 | Side of Lead Wall mounted on pole | Tight coverage of athlete |
| 7C | Cueball cameras | 11-1 | Side of speed track Wall mounted on pole | Tight coverage of athlete |
| 8 | Handheld Unmanned | 8-1 | On Pylon left hand back corner | Fixed beauty shot over arena |



Camera Plan

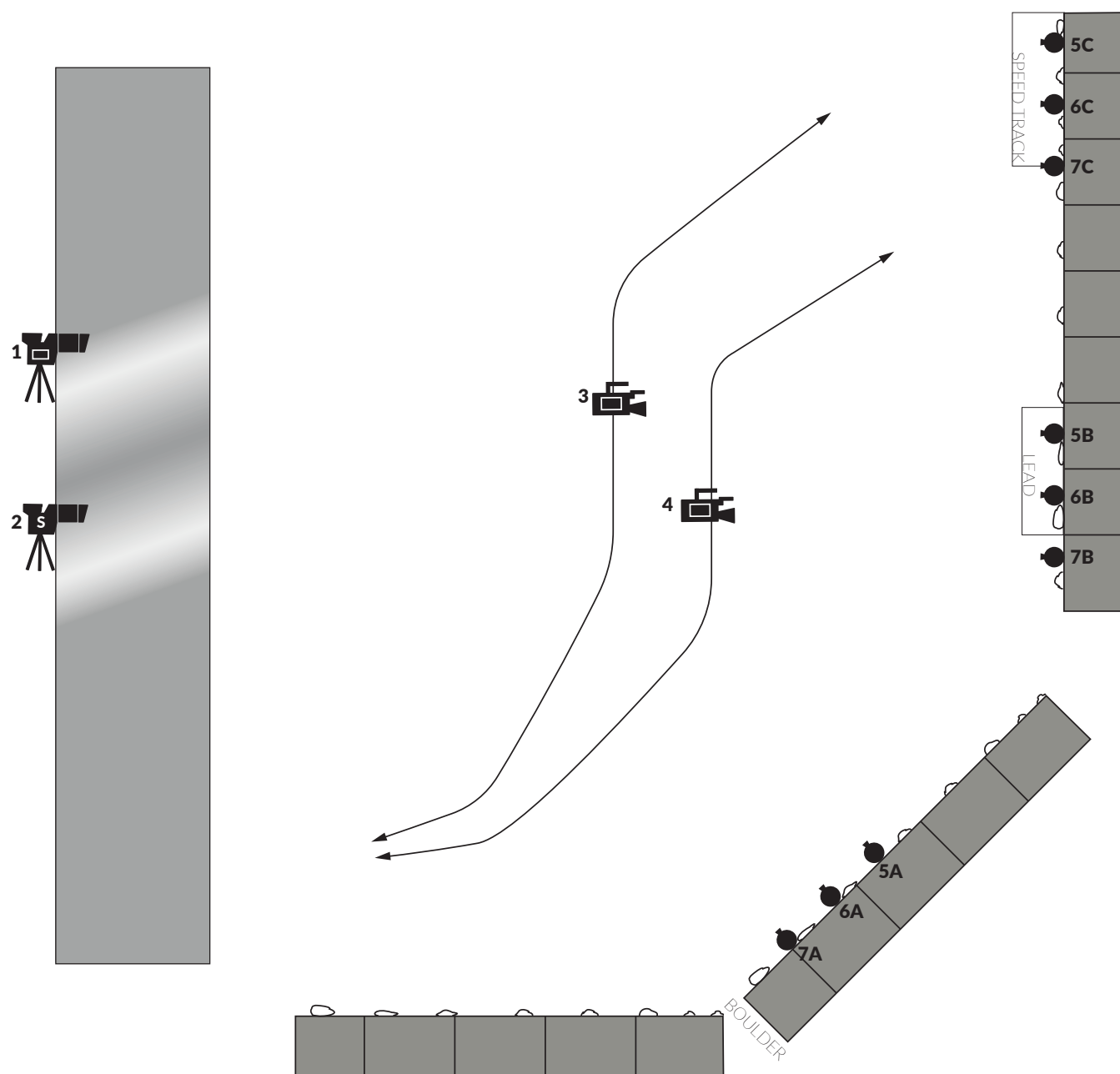


TABLE TENNIS

Dates: 26 August to 1 September

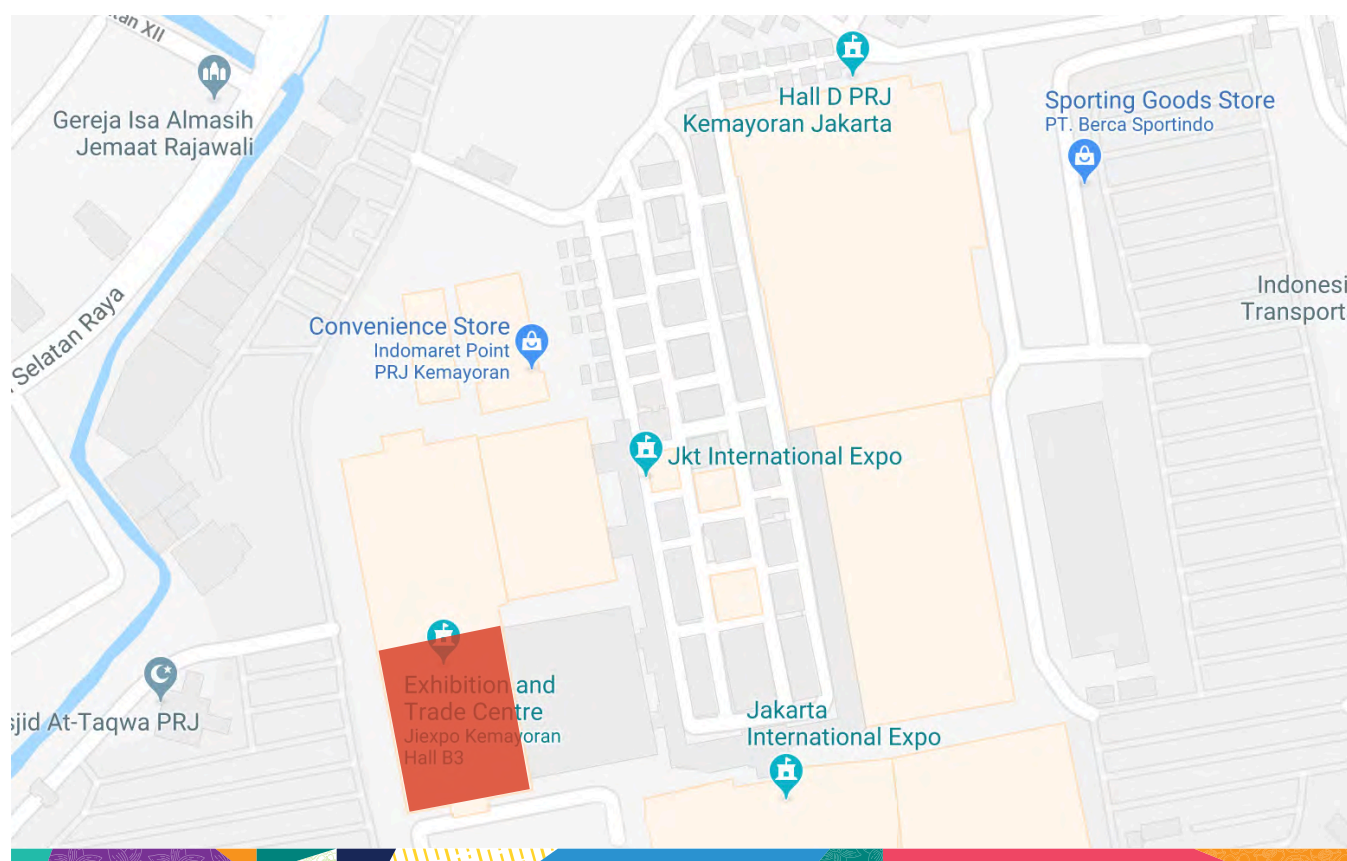
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VENUE FACTS

Venue: JIEXPO Kemayoran Hall B

Cluster: Jakarta Two

Address: Gedung Pusat Niaga Arena, JIEXPO Kemayoran, Jalan Benyamin Sueb No.1, Pademangan Timur, Kota Tua, Jakarta Pusat, Daerah Khusus Ibukota, Jakarta 14410



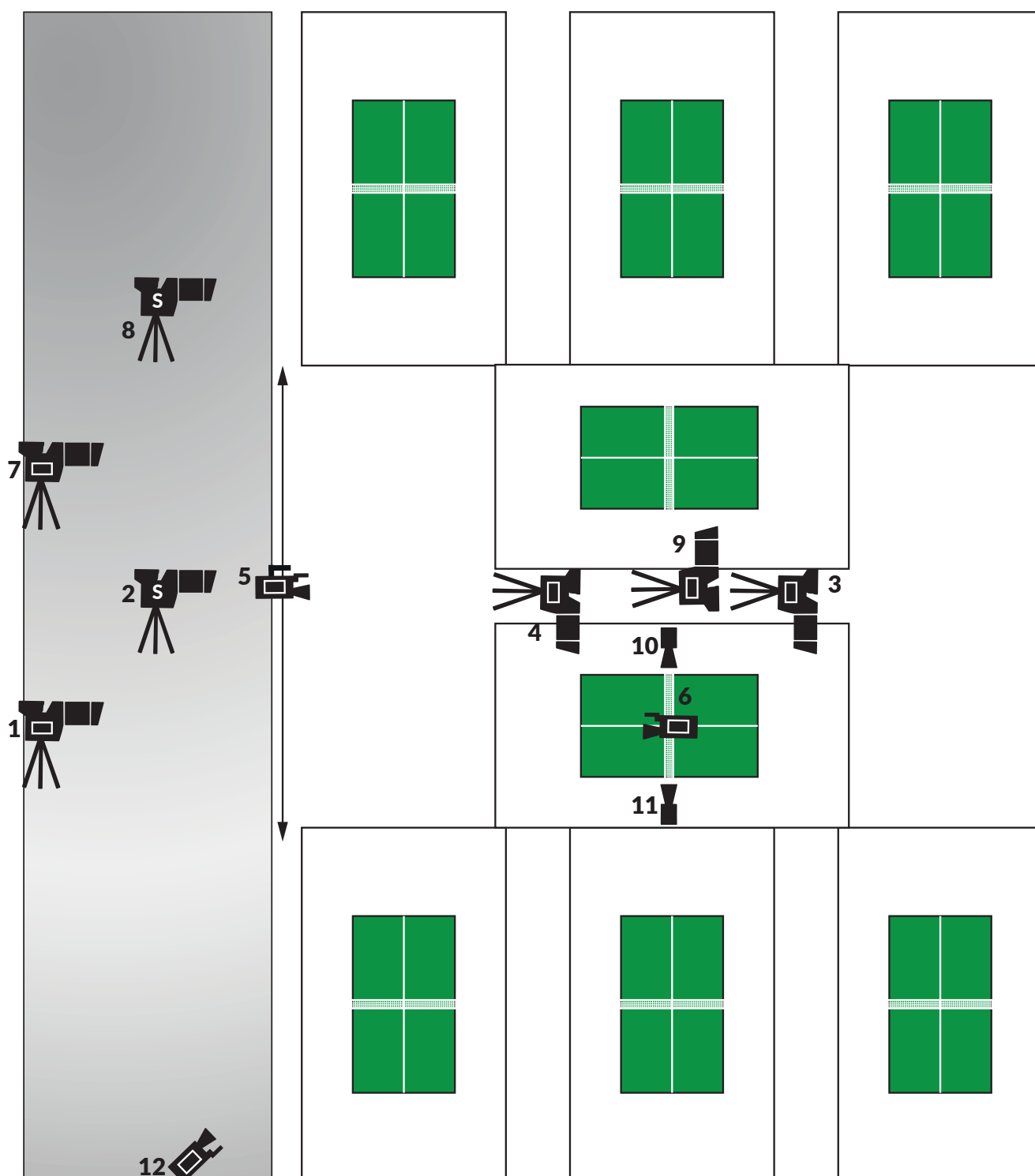


Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|----------------------|------|------------------------------------------------------------|--------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | Platform - Centre of Table Tennis high in seats | Wide master shot |
| 2 | Super Slow Motion | 86-1 | Platform - Mid height looking along left side of table | Tight ball follow for replays |
| 3 | Hardcam/rolling base | 86-1 | On floor at side of table far side of net on Rolling Base | Close ups of players |
| 4 | Hardcam/rolling base | 86-1 | On floor at side of table near side of net on Rolling Base | Close ups of players |
| 5 | Handheld | 11-1 | Various locations in hall + post stand up position | Entrances, exits, team and coach close ups and medal presentations |
| 6 | Handheld Hothead | 11-1 | Shuttercam on Hothead over table remote pan and tilt | Alternative replay angle |
| 7 | Hardcam | 20-1 | Platform - Centre of table high in seats on platform | Wide master shot |
| 8 | Super Slow Motion | 86-1 | Platform - Mid height looking along left side of table | Tight ball follow for replays |
| 9 | Hardcam/rolling base | 20-1 | On floor at side of table near net rolling base | Close ups of players |
| 10 | Mini Cam | Wide | Positioned on left hand side of net support on main table | Point of view camera straight down the net |
| 11 | Mini Cam | Wide | Positioned on right side of net support on main table | Point of view camera straight down the net |
| 12 | Handheld Unmanned | 8-1 | In corner of hall | Fixed beauty shot of arena |



Camera Plan



TAEKWONDO

Dates: 19 August to 23 August

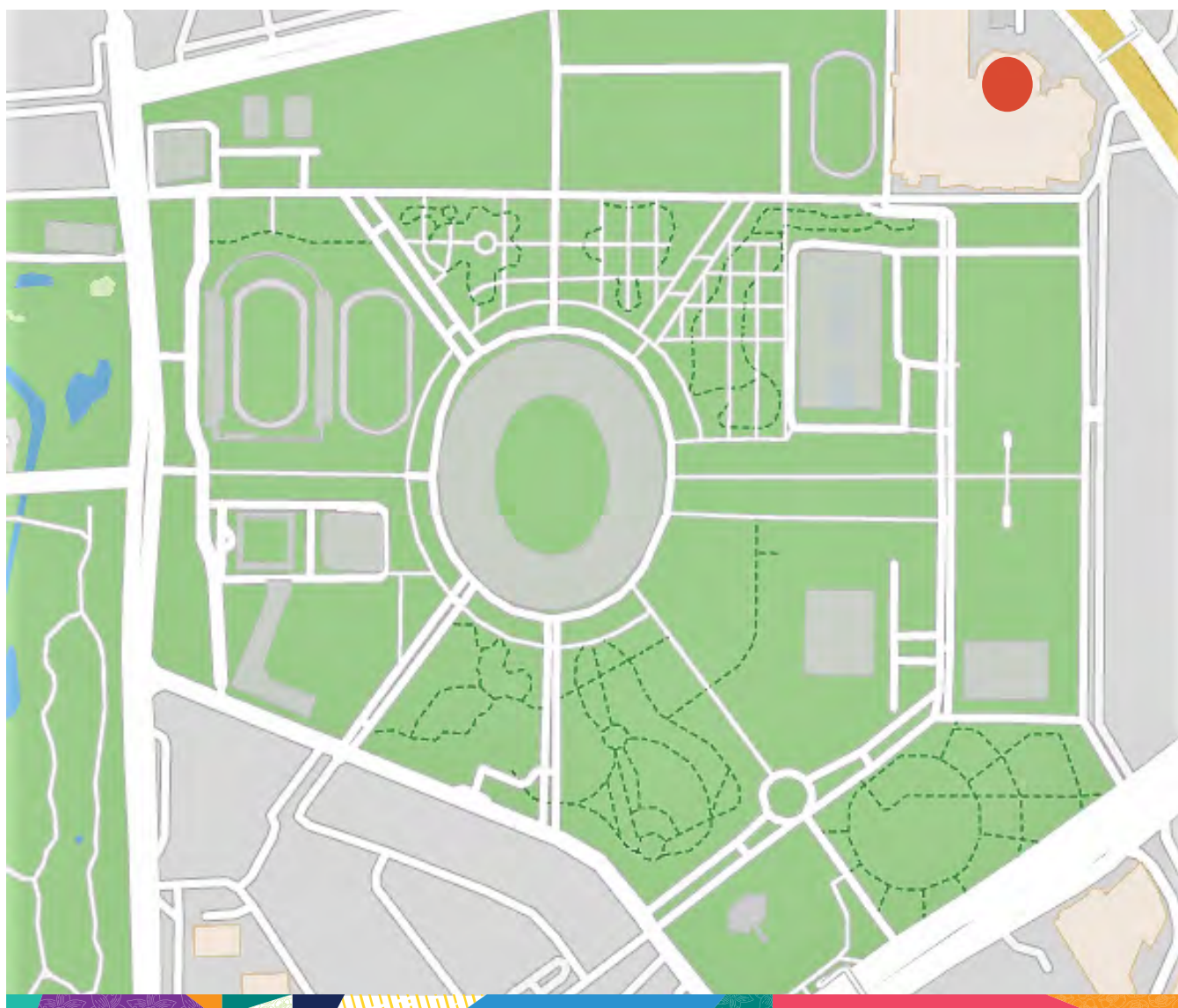
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| | | | | | | M | M | M | M | M | | | | | | | | | | |

VENUE FACTS

Venue: JCC Plenary Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

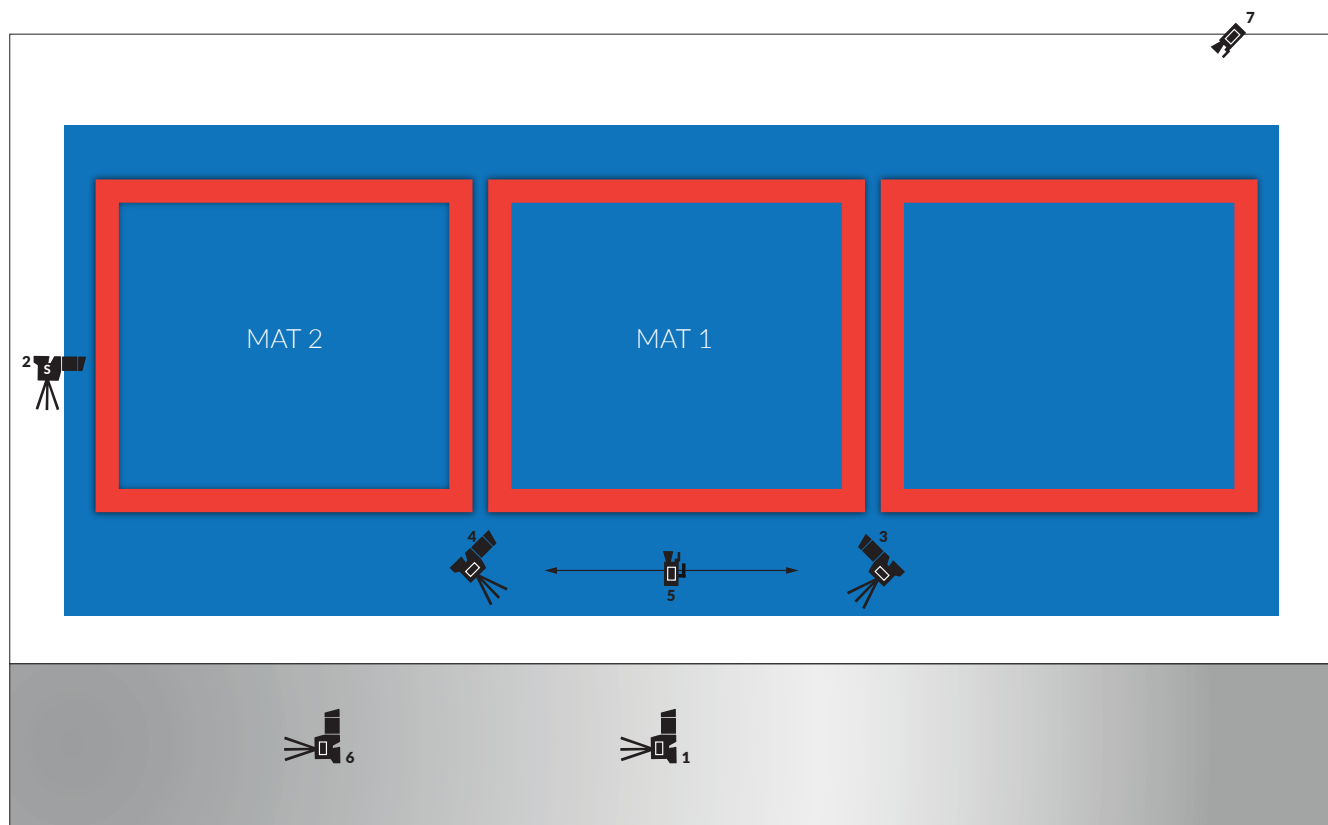




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-----------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In seats centre of mat on platform | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In line with centre of mat 2 on platform | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan



TENNIS

Dates: 19 August to 25 August

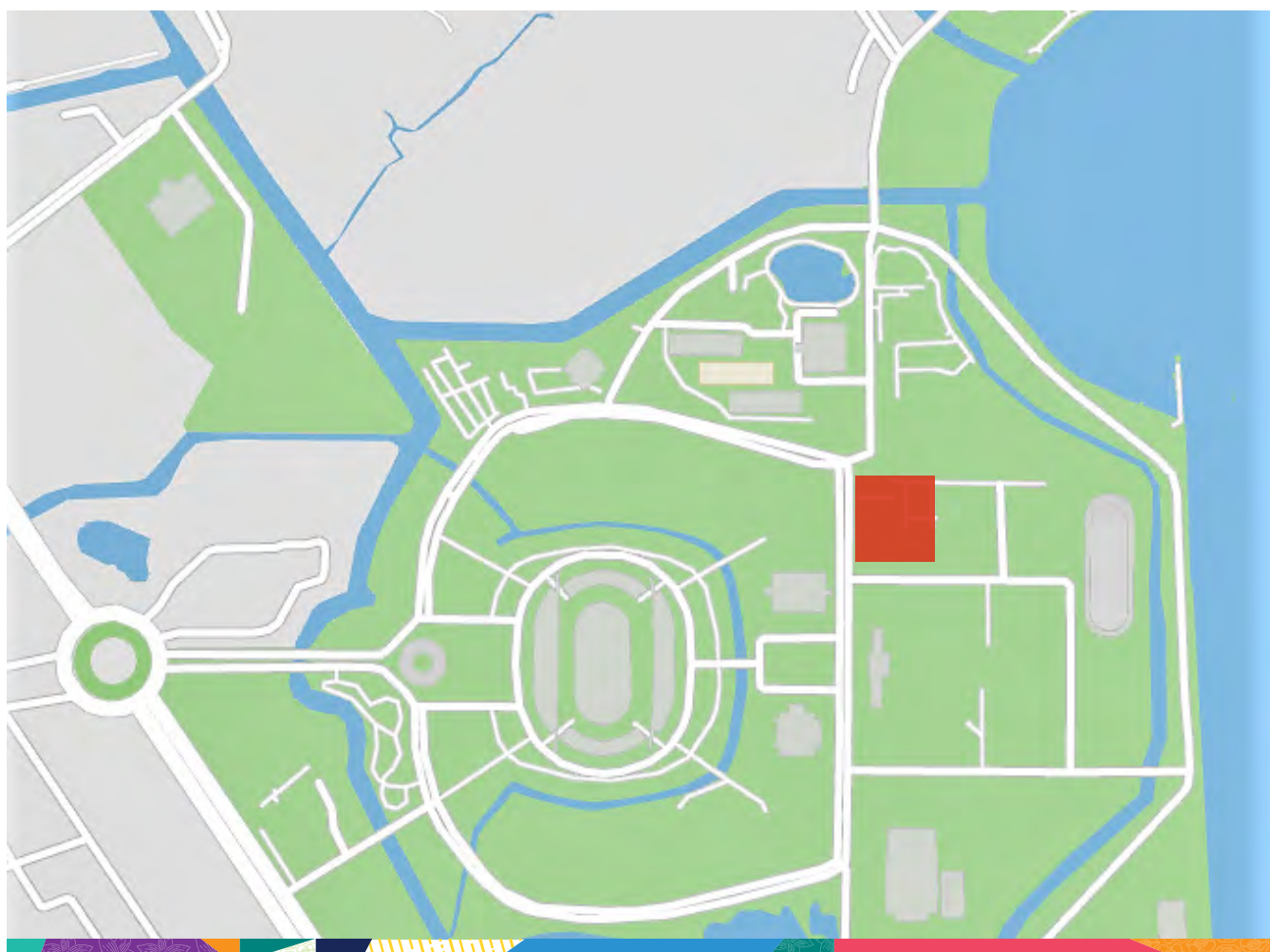
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | • | • | • | • | • | M | M | | | | | | | | |

VENUE FACTS

Venue: JSC GOR Tennis Lapangan Bukit Asam

Cluster: Palembang

Address: Jl. Gubernur H. A Bastari, 15 Ulu, Seberang Ulu I, Palembang City, South Sumatra 30267

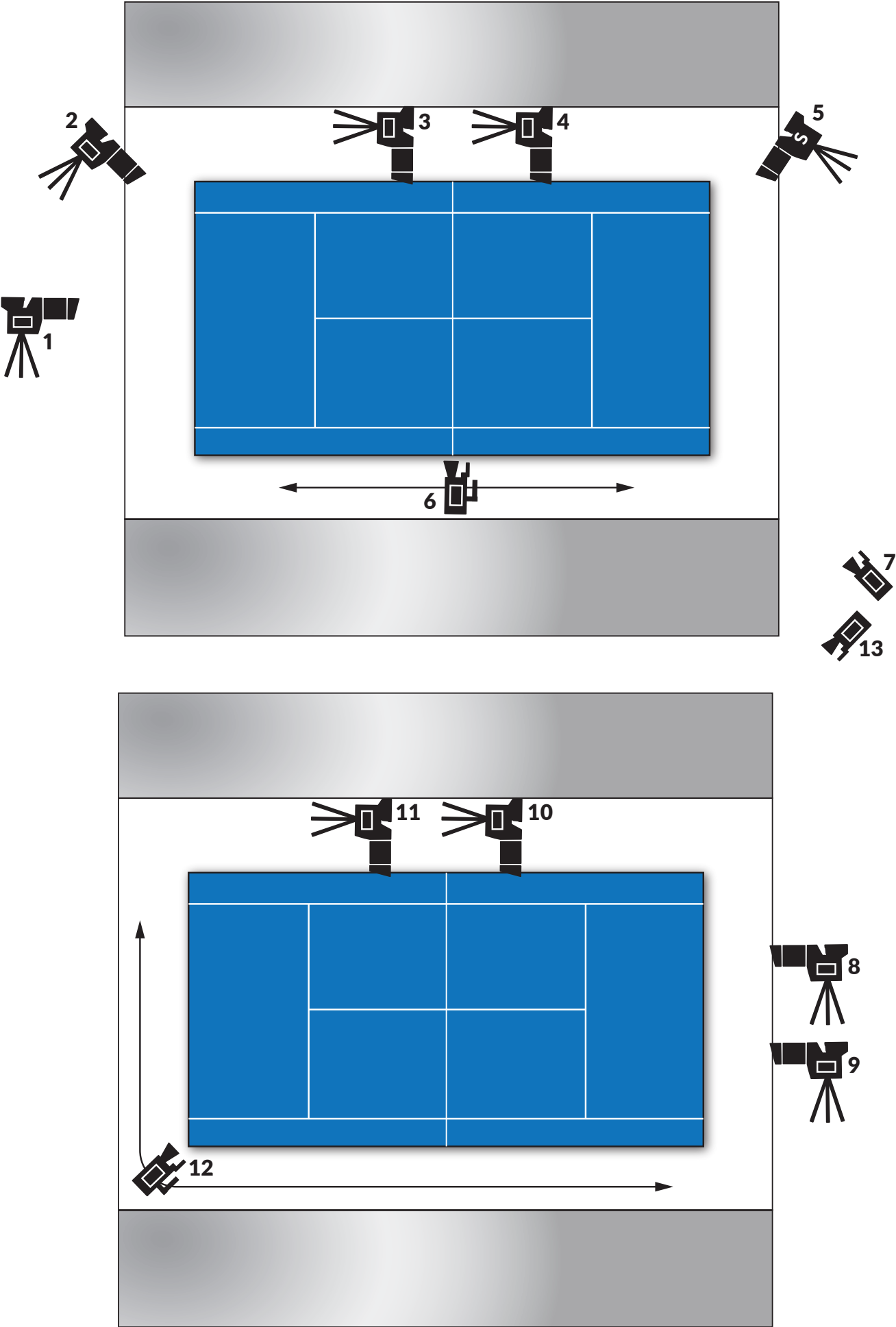




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|----------------------------------------------------------------------------|-------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | Court 1 - Platform - leveled on last step and over step 2 centred | Wide master shot |
| 2 | Hardcam | 86-1 | Court 1 - Low left at the front of the seating looking along left sideline | Tight close up ball follow and player close ups |
| 3 | Hardcam | 20-1 | Court 1 - Left side of court near side of net | Player close ups |
| 4 | Hardcam | 20-1 | Court 1 - Left side of court far side of net | Player close ups |
| 5 | Super Slow Motion | 86-1 | Court 1 - 50cm riser - Far left corner of court far corner | Reverse close ups and replay coverage |
| 6 | Handheld | 11-1 | Various positions around the court | Shots from crowd, introductions and exits and medal presentations |
| 7 | Handheld Unmanned | 8-1 | On far right corner | Wide fixed beauty shot over court 1 |
| 8 | Hardcam | 20-1 | Court 2 - Platform - 5m high behind south end | Wide master shot |
| 9 | Hardcam | 86-1 | Court 2 - Platform - On same as above at 2m | Tight close up ball follow and player close ups |
| 10 | Hardcam | 20-1 | Court 2 - Right side of court near side of net | Player close ups |
| 11 | Hardcam | 20-1 | Court 2 - Right side of court far side of net | Player close ups |
| 12 | Handheld | 11-1 | Court 2 - Various positions around the court | Shots from crowd, introductions and exits and medal presentations |
| 13 | Handheld Unmanned | 8-1 | Court 2 - On stadium floodlight | Wide fixed beauty shot over court 2 |

Camera Plan



VOLLEYBALL – BEACH

Dates: 19 August to 28 August

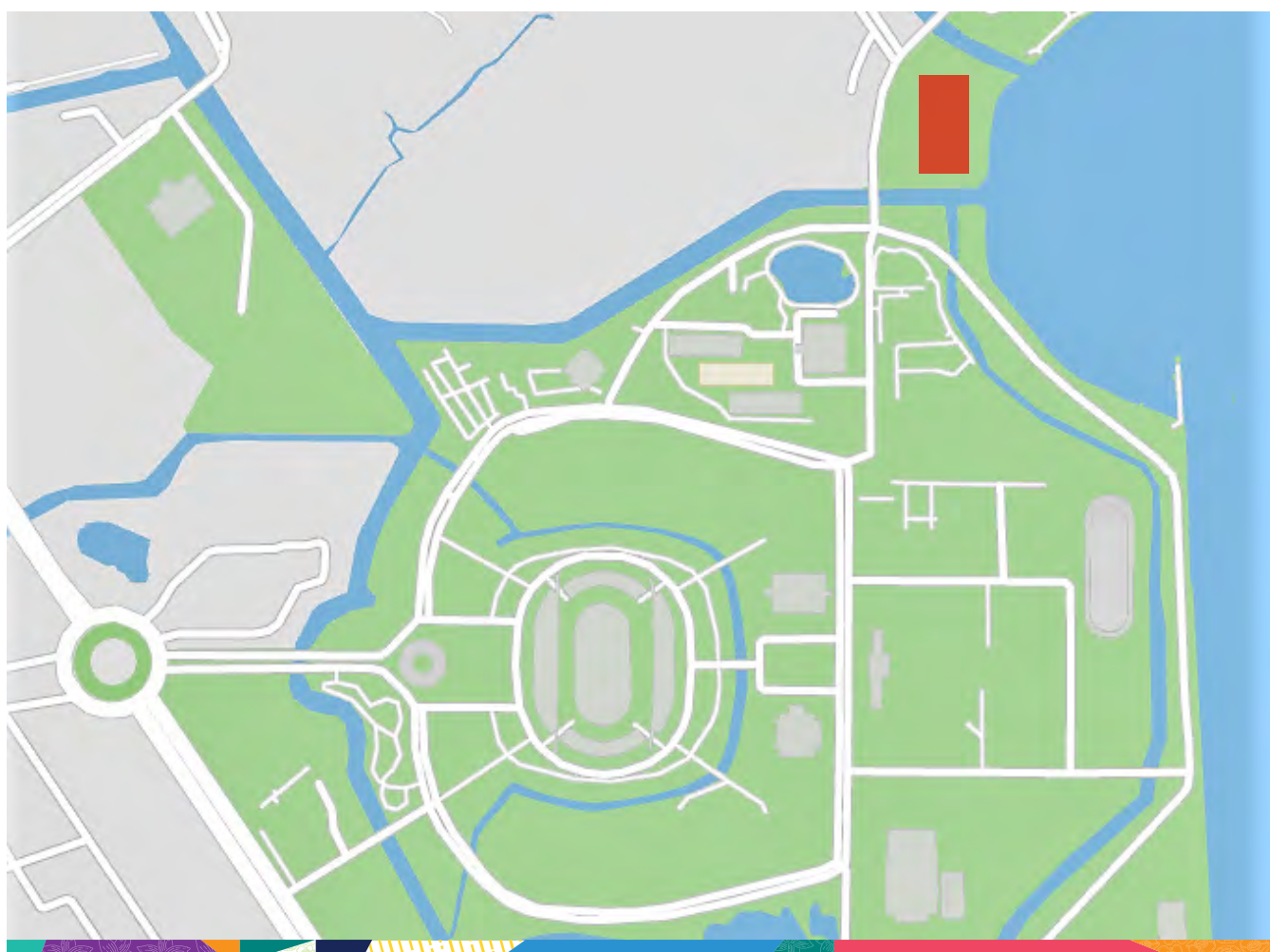
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | • | • | • | | • | • | • | • | M | M | | | | | |

VENUE FACTS

Venue: JSC Volly Pantai

Cluster: Palembang

Address: Silaberanti, Seberang Ulu I, Palembang City, South Sumatra 30267

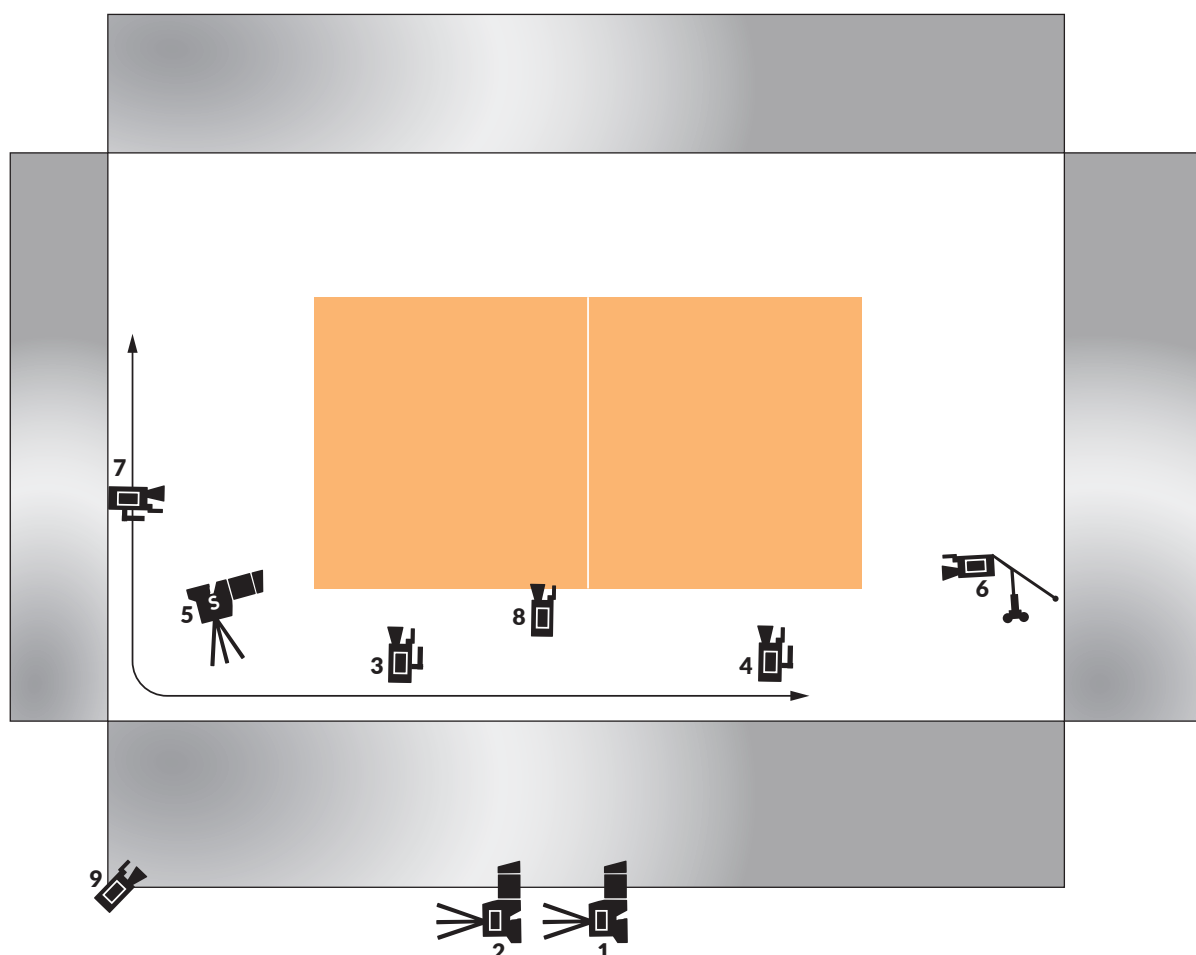




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|-------------------------------------------------------------|--------------------------------------------------------------------------|
| 1 | Hardcam | 20-1 | Platform - Centre of Main stands upper tier | Wide master shot |
| 2 | Hardcam | 86-1 | Platform - Same as camera one | Tight follow shot and player close ups |
| 3 | Handheld | 20-1 | On court side to left of camera one | Player and action close ups |
| 4 | Handheld | 20-1 | On court side to right of camera one | Player and action close ups |
| 5 | Super Slow Motion | 86-1 | On near left corner of court on 1m platform from camera one | Replay coverage |
| 6 | Handheld on Jib | 11-1 | To right end of court in the middle on 4m x 3m plywood | Alternative master shot and court coverage |
| 7 | Handheld | 11-1 | End on to court, left hand end | Shots of coaches, reserves, introductions, crowd and medal presentations |
| 8 | Handheld Unmanned | 8-1 | Mini hothead at end of net | Replay coverage along net |
| 9 | Handheld Unmanned | 8-1 | Near left corner of main stand | Fixed beauty shot over court |

Camera Plan



VOLLEYBALL – INDOOR (Main Court)

Dates: 19 August to 1 September

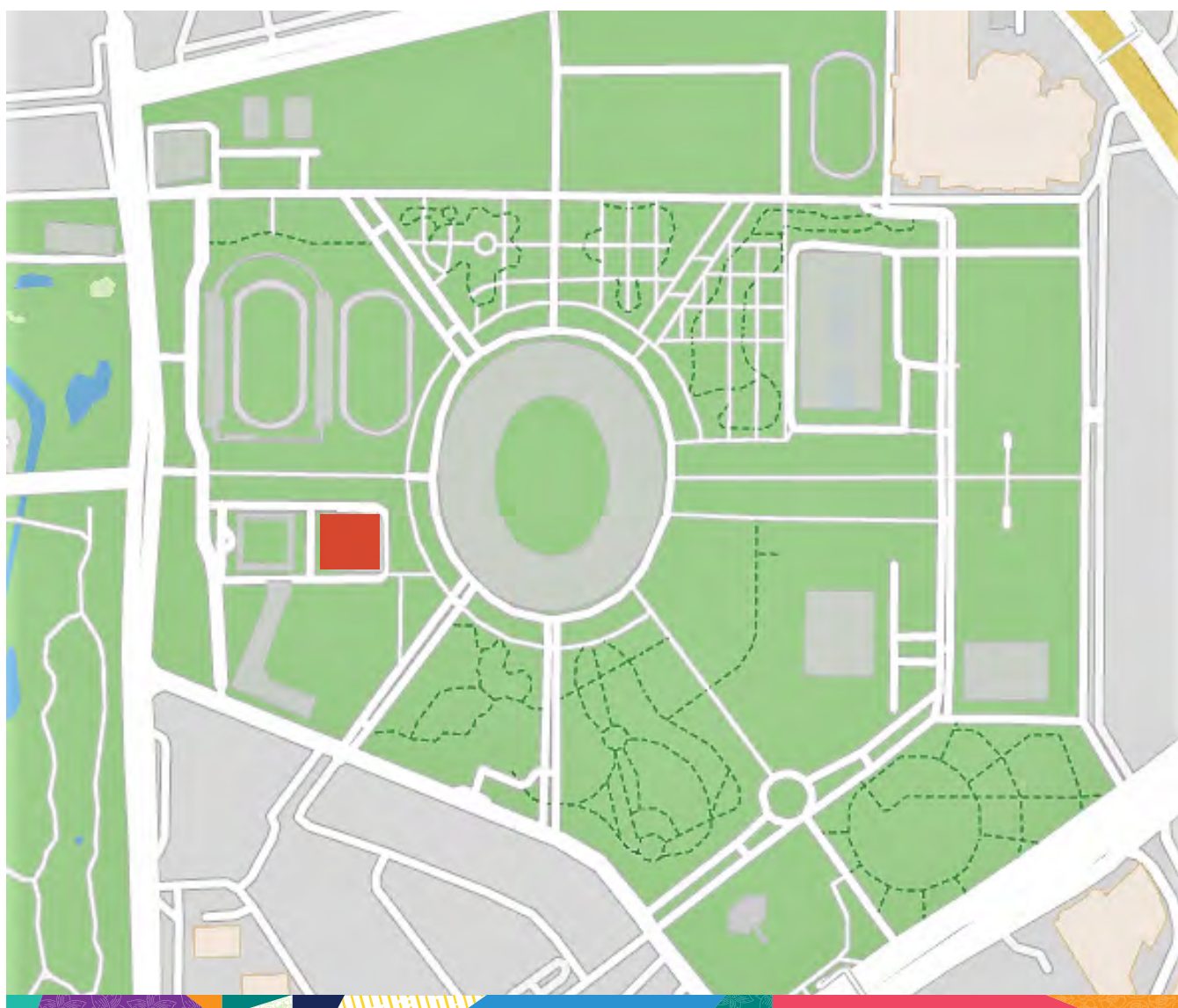
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1 | 2 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
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| | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | M | |

VENUE FACTS

Venue: GBK Tennis Indoor

Cluster: Jakarta One

Address: Jalan Pintu Gelora 1 No.B, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

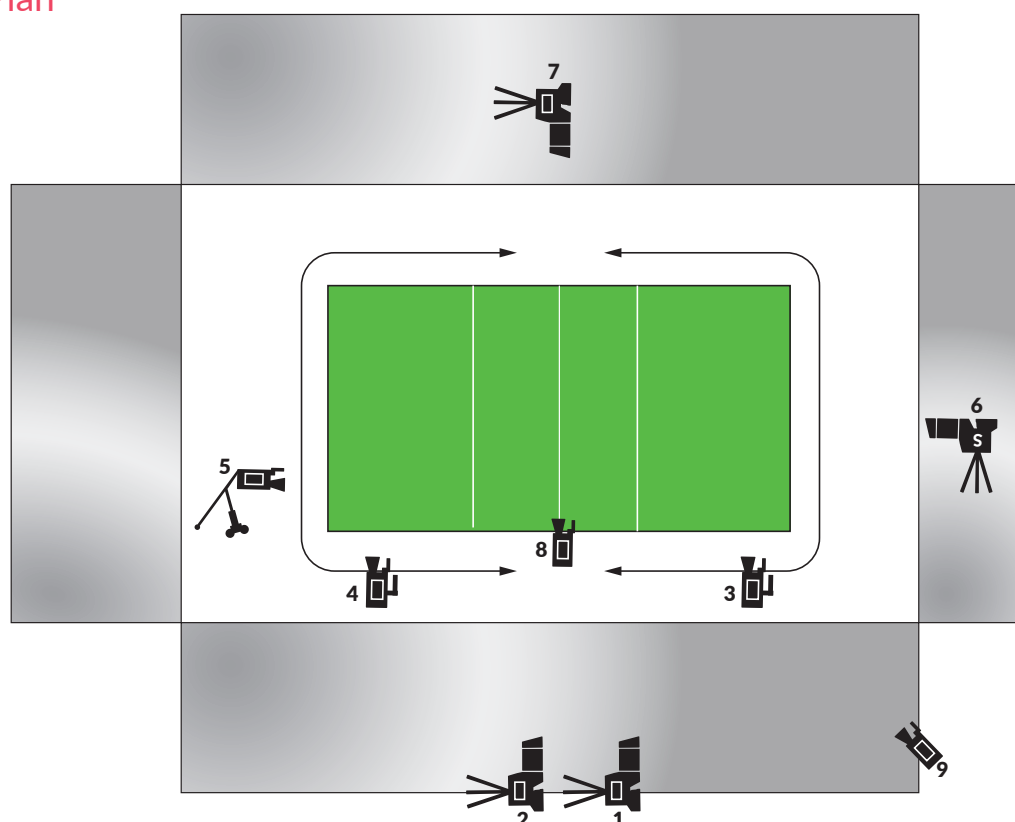




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|------------------------|------|------------------------------------------------------------------------------------------|--------------------------------------------|
| 1 | Hardcam | 20-1 | Platform - level seats at top of higher seating area behind the VIP stands | Wide master shot |
| 2 | Hardcam | 86-1 | As above | Tight follow shot and player close ups |
| 3 | Handheld | 20-1 | On court side to left of camera one | Player and action close ups |
| 4 | Handheld | 20-1 | On court side to right of camera one | Player and action close ups |
| 5 | Handheld on Camera Jib | 11-1 | On left end of court outside field of play | Alternative master shot and court coverage |
| 6 | Super Slow Motion | 86-1 | Platform in lower seats - 90 degrees to the right of Camera 1 | End on replay coverage |
| 7 | Hardcam | 86-1 | Platform - opposite side of court at the top of the upper tier of seating facing benches | Reverse replay coverage |
| 8 | Handheld Unmanned | 8-1 | Mini hothead on the near side of the net | Replay coverage along net |
| 9 | Handheld Unmanned | 8-1 | In top right corner of hall | Fixed beauty shot over court |

Camera Plan



WEIGHTLIFTING

Dates: 20 August to 27 August

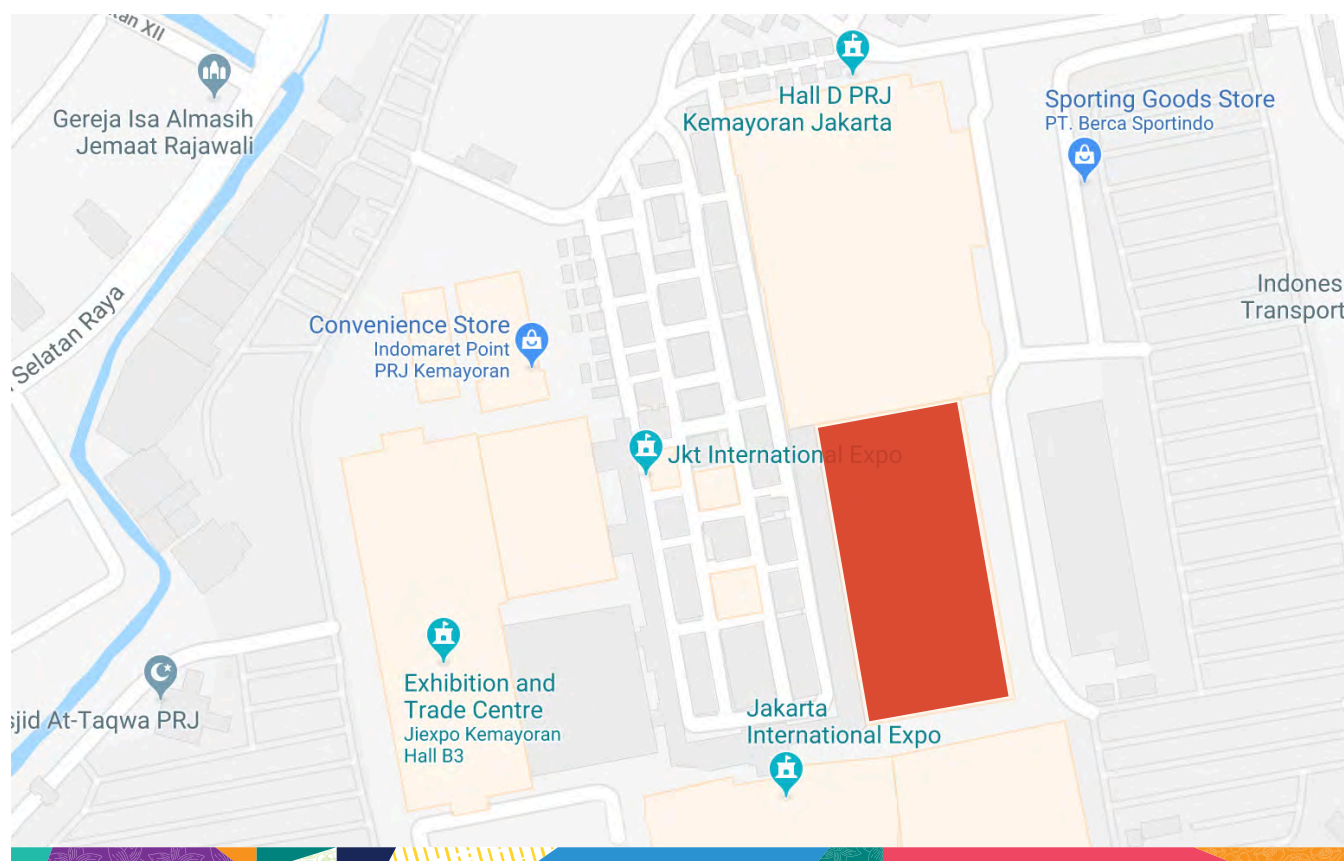
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| | | | | | | | M | M | M | M | M | M | M | M | | | | | | |

VENUE FACTS

Venue: JiExpo Hall A

Cluster: Jakarta Two

Address: Jalan Benyamin Sueb No.1, Pademangan Timur, Kota Tua, Jakarta Pusat, Daerah Khusus Ibukota, Jakarta 14410

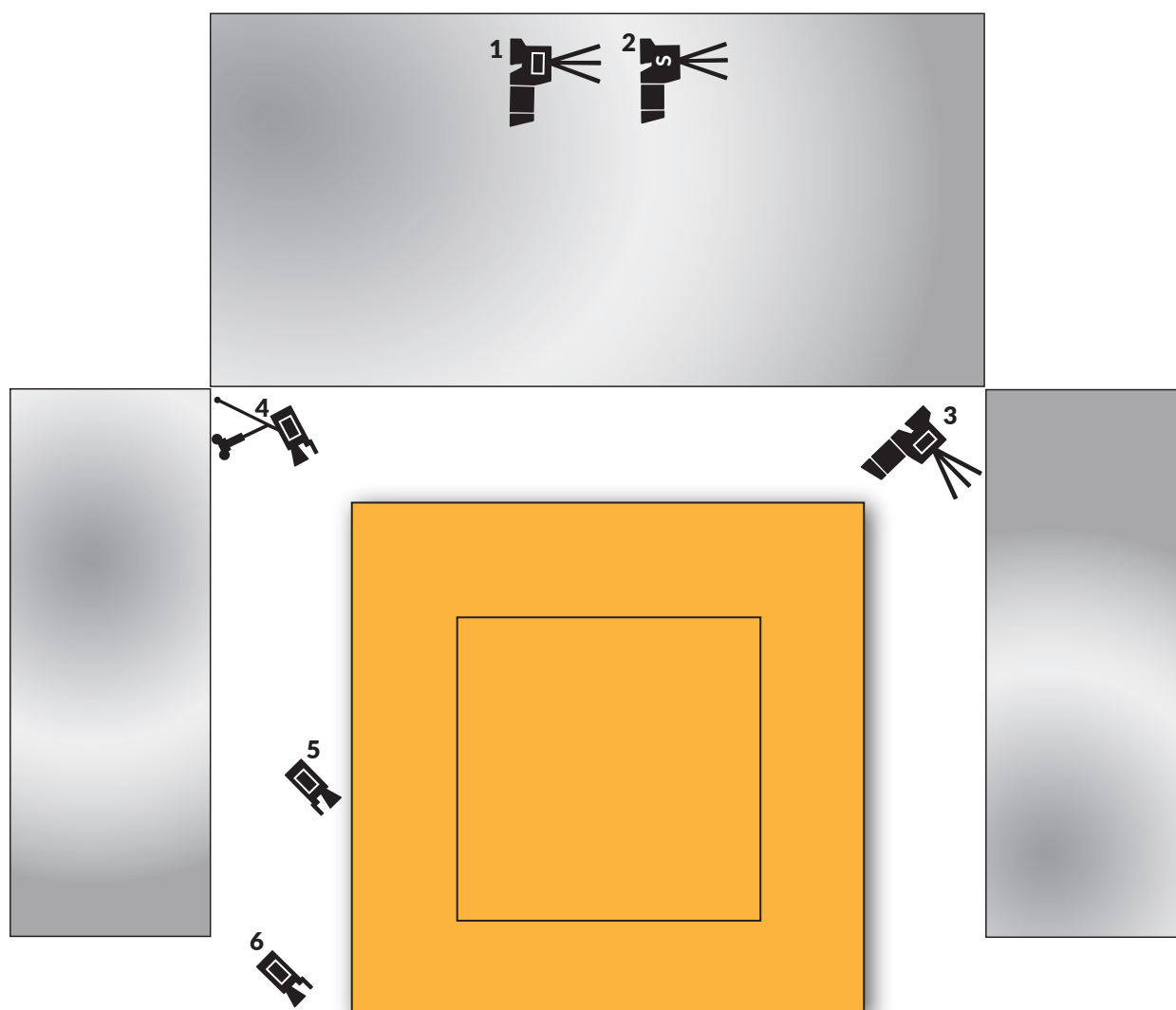




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-----------------|------|-----------------------------------------|--------------------------------------|
| 1 | Hardcam | 86-1 | On Platform high in stand | Master shot |
| 2 | Hardcam | 86-1 | On Platform high in stand next to Cam 1 | Close Up - Replays |
| 3 | Hardcam | 20-1 | FOP level opposite judgement chair | Replays |
| 4 | Handheld on Jib | 11-1 | FOP level opposite Right Corner | Beauty Shot |
| 5 | Handheld | 20-1 | Player entrance | Close Up Player In - Out |
| 6 | Handheld | 20-1 | Mixed Zone | Coverage across floor and mixed zone |

Camera Plan



WESTLING

Dates: 19 August to 22 August

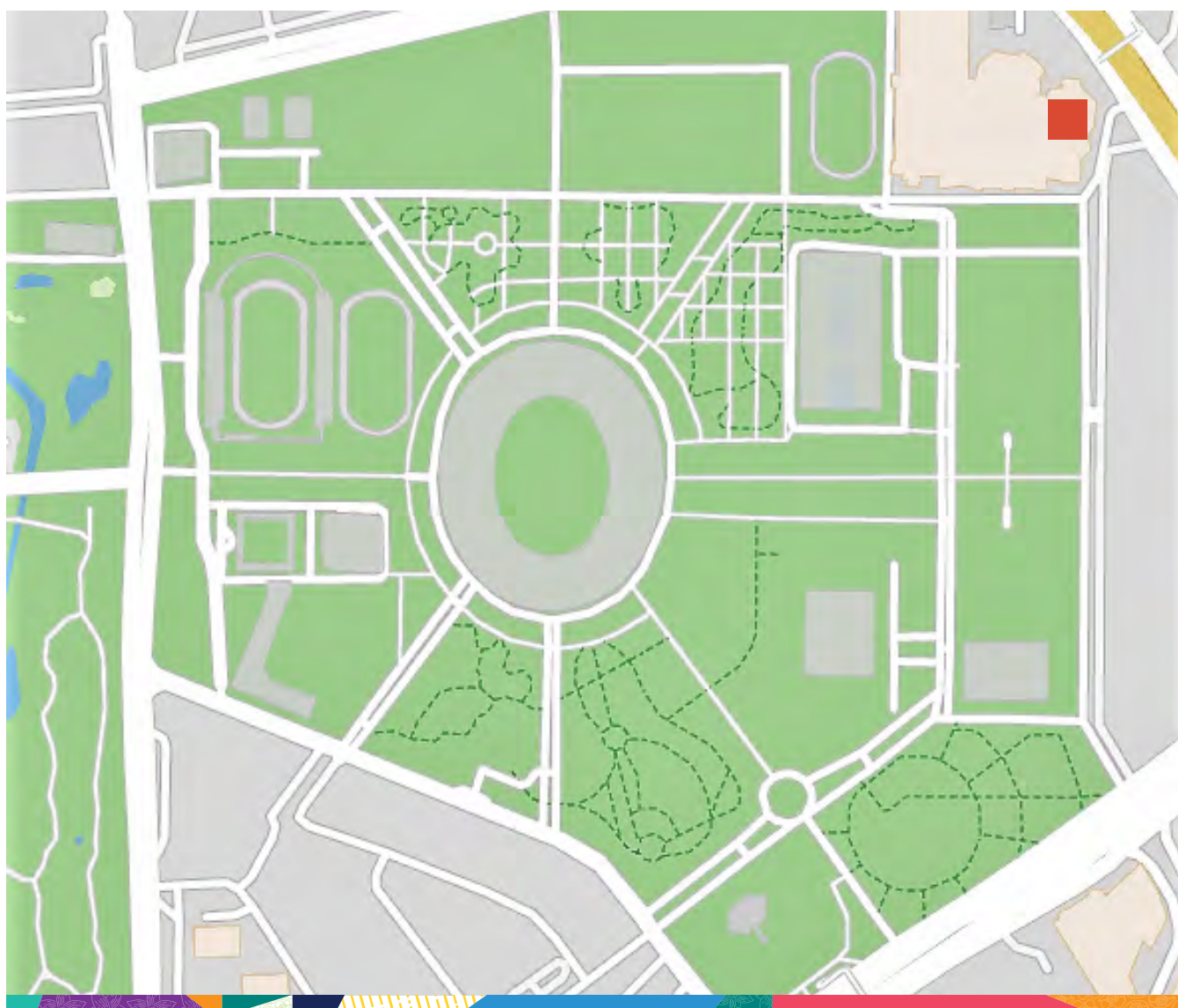
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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|
| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | M | M | M | M | | | | | | | | | | | |

VENUE FACTS

Venue: JCC Assembly Hall

Cluster: Jakarta One

Address: Jl. Gatot Subroto, Senayan, Gelora, RT.1/RW.3, Gelora, Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

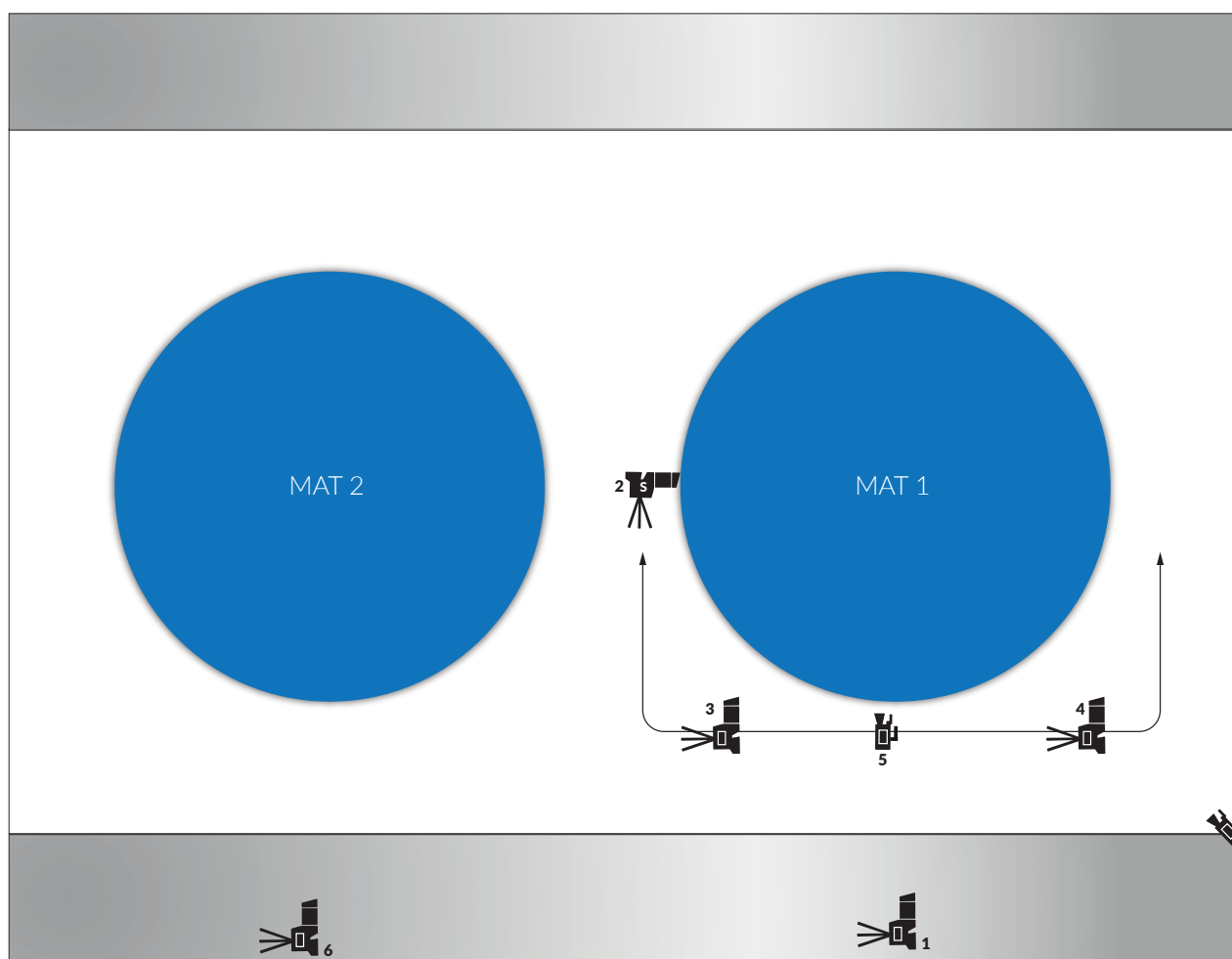




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|-------------------|------|------------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 20-1 | In platform behind temporary seats, in line with centre of mat 1 | Master wide shot |
| 2 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat | Close ups and tight coverage |
| 3 | Hardcam | 20-1 | On left corner of mat on pedestal | Close ups and tight coverage |
| 4 | Hardcam | 20-1 | On right corner of mat on pedestal | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Hardcam | 86-1 | In platform behind temporary seats, in line with centre of mat 2 | Master wide shot on second mat |
| 7 | Handheld Unmanned | 11-1 | In corner of hall, right hand side | Fixed beauty shot over hall |

Camera Plan





Dates: 19 August to 23 August

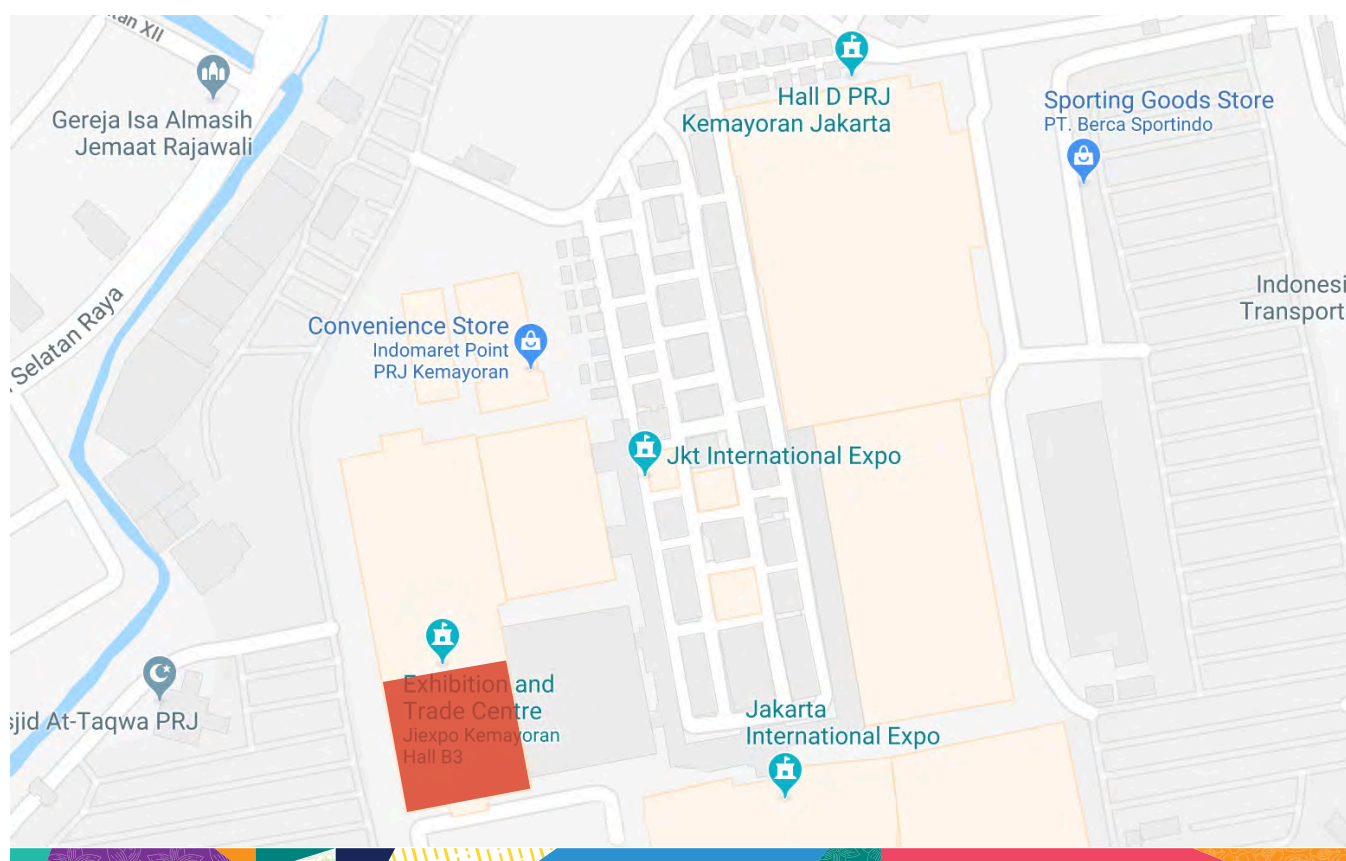
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| M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S |
| | | | | | | M | M | M | M | M | | | | | | | | | | |

VENUE FACTS

Venue: JIEXPO Kemayoran Hall B

Cluster: Jakarta Two

Address: Jalan Benyamin Sueb No.1, Pademangan Timur, Kota Tua, Jakarta Pusat, Daerah Khusus Ibukota, Jakarta 14410

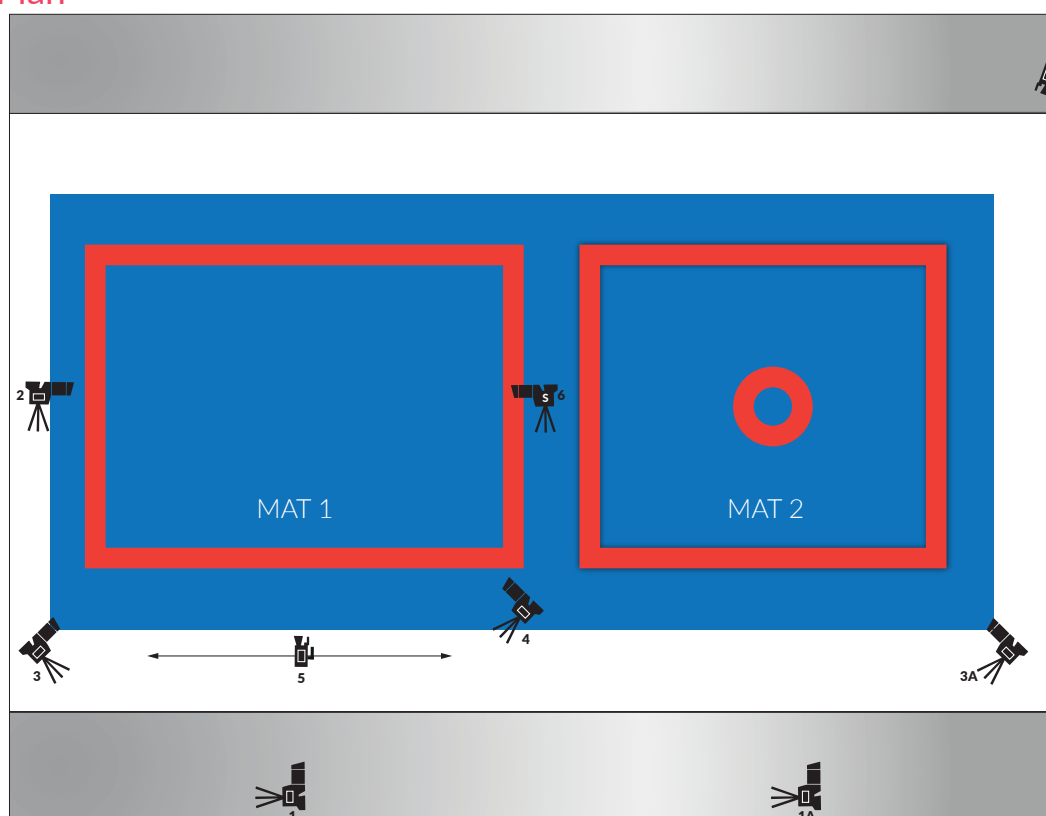




Camera Narrative

| No. | Type | Lens | Position | Coverage |
|-----|--------------------|------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | Hardcam | 86-1 | Platform - Centre of main mat on 4m | Master wide shot |
| 1A | Hardcam | 86-1 | Platform - Centre of 2 nd mat on 4m | Master wide shot |
| 2 | Hardcam | 20-1 | Platform - On left hand side of 1 st mat to cam 1 in the Centre (height TBC on venue likely 3m) | Close ups and tight coverage |
| 3 | Hardcam | 86-1 | Platform - On left corner of 1 st mat | Close ups and tight coverage |
| 3A | Hardcam | 86-1 | Platform - On right hand corner of 2 nd mat (Height TBC) | Close ups and tight coverage |
| 4 | Hardcam | 86-1 | On right corner of 1 st mat and left hand corner of 2 nd mat on platform (Height TBC) | Close ups and tight coverage |
| 5 | Handheld | 11-1 | Various positions around mat | Entrances, exits, coach and crowd shots and medal presentations |
| 6 | Super Slow Motion | 86-1 | 90 degrees to camera one at mid height to mat on 0.5 platform on right hand side inbetween both mats | Tight close up camera and main replay |
| 7 | Handheld Un manned | 8-1 | In corner of hall | Fixed beauty shot over hall |

Camera Plan







CHAPTER 9

BOOKING







NINE BOOKING

The IGBS Booking department is the main contact point between Rights Holding Broadcasters (RHBs) and IGBS prior to and during the 18th Asian Games Jakarta Palembang 2018.

Booking Department Responsibilities



The key mission of the Booking Department is to fulfil RHBs' service requests and the subsequent delivery of unilateral services and facilities for the 18th Asian Games Jakarta Palembang 2018.

The Booking Department manages this process through:

- The collection, processing and distribution of all booking-related information to/from RHBs. The primary source of booking related information is the Broadcasters' Rate Card issued by IGBS.
- The coordination of the delivery of services and facilities with the appropriate IGBS departments as well as designated service providers.
- The provision of detailed reports to the IGBS Finance Department in order to produce accurate invoicing for services delivered to RHBs.
- The allocation and distribution at the IBC, in accordance with confirmed bookings, of Supplementary Access Devices (SADs) to RHBs.

IGBS Booking Office

Booking provides a one-stop shop service to RHBs:

- All the facilities and services proposed to RHBs by IGBS are gathered into a single Broadcasters' Rate Card.
- IGBS has set up a Booking Office at the IBC in Jakarta in order to coordinate RHBs' requests for services at the IBC and at the Venues as well as for transmission circuits between venues and IBC.

The Booking Office is divided into two key teams:

- The Front Office, responsible for gathering RHBs' requests, following up with the Back Office the allocation of the requested services and confirming them to the RHB, whilst liaising with the Finance Department for securing proper invoicing of those services.
- The Back Office, responsible for checking the feasibility and the availability of the requested services, scheduling them and allocating them to available resources, and ultimately producing the related operating instructions.

Booking Locations Prior to and During the Asian Games

Before 6 August 2018

All booking-related information is provided, and orders are processed by the IGBS Booking department based in Europe. Booking contact: booking@igbs.tv

From 6 August to 3 September 2018

The IGBS Booking Office is operational at the main entrance of the IBC in Jakarta, between Halls A and B. RHBs can therefore make their requests directly to the Booking staff present at the IBC. In general, the IBC Booking Front Office will open every day between 09:00 and 20:00, this timetable being adapted to follow the periods of competition at the venues.

There are no Booking Offices at the venues. The IGBS Venue Liaison staff relay booking-related matters to/from RHBs.



IGBS Broadcasters' Rate Card

The Rate Card provides detailed descriptions of IGBS services and facilities available at the IBC and at the venues for the 18th Asian Games Jakarta Palembang 2018, as well as broadcast content distribution and general booking information.



The first edition of the Rate Card has been distributed in November 2017 at the First World Broadcasters Meeting (WBM1) in Jakarta. An updated version has been issued in early March 2018.

The IGBS Rate Card includes the following sections:

- **IBC Services and Facilities:** Includes RHBs' unilateral areas at the IBC (pre-designed or customised), IBC furniture; IBC Satellite Farm space and associated services; IBC technical facilities including Vanda packages; IBC unilateral Vanda circuits and CATV distribution; Access to Media Server; IBC bookable facilities.

Services are available from 6 August to 4 September 2018. Broadcasters can access their unilateral space for installation and technical deployment from 1 August 2018.

- **Venue Services and Facilities:** Includes commentary services, bookable or dedicated unilateral facilities, including TV interview studio, Mixed Zone position, unilateral camera platforms and venue compound facilities.

Services are usually only available on competition days and are dependant on the competition schedule at the venue.

- **Telecommunication Services:** Includes unilateral circuits between venues and the IBC (SDI and Ethernet protocols) These services are coordinated by IGBS Booking on behalf of Telkom Indonesia (TI), the designated telecommunications provider.

All documentation will be available in the 'Downloads' section of the 18th Asian Games Host Broadcast web platform at: www.asiangames2018.igbs.tv.

Event Time Booking Procedures

The booking deadline for all permanent facilities, both for services at the IBC and at the venues, was set to 15 February 2018. Since that, late orders are considered on a case-by-case basis and are subject to availability and feasibility.

Booking Order Form (BOF)

Booking requests can only be made using official Booking Order Forms issued by IGBS and available for download on the 18th Asian Games Host Broadcast web platform. BOFs are Excel® files which should be completed electronically.

- Completed BOFs should be handed over to the Booking Office located at the IBC or emailed to booking@igbs.tv. IGBS will only accept BOFs completed by Authorised Representatives listed on the RHB's Information Form returned to IGBS prior to the beginning of the booking process.
- Requests for bookable services must be submitted to IGBS no later than 48 hours before the delivery of the service.

Terms and Conditions

The marketing of IGBS services is governed by the IGBS Terms and Conditions, which are attached to the Broadcasters Rate Card.

Booking Milestones

| Date | Event |
|--------------------------------------------------|---------------------|
| First World Broadcaster Meeting (WBM1) | 14-16 November 2017 |
| Booking Deadline | 15 February 2018 |
| First down payment (80%) for unilateral services | 15 April 2018 |
| Booking Office operational at the IBC | 1 August 2018 |
| Second World Broadcaster Meeting (WBM2) | 6 August 2018 |



CHAPTER 10

INFORMATION & LIAISON



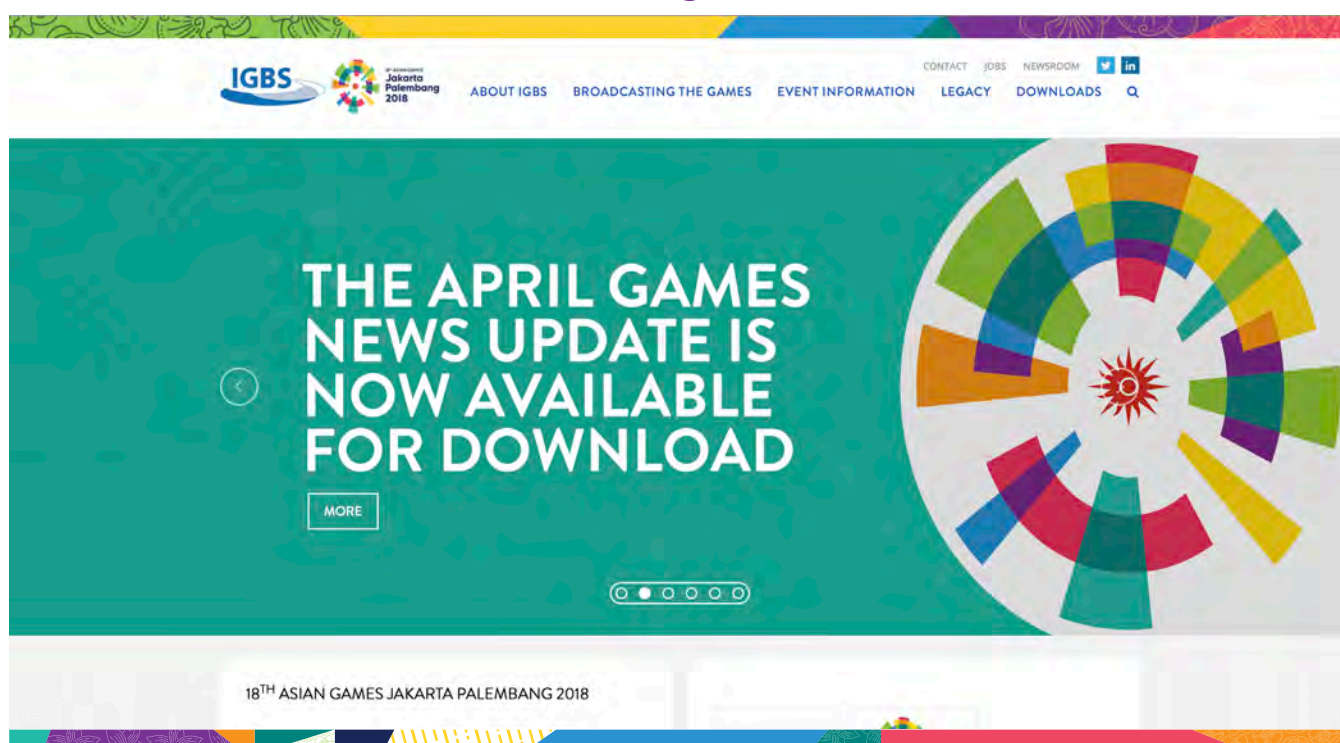




TEN INFORMATION & LIAISON

Rights Holding Broadcasters (RHBs) at the 18th Asian Games Jakarta Palembang 2018, are kept informed of the latest developments and updates to broadcast operation plans via a range of means provided by IGBS. The IGBS information department ensures the timely delivery of key information to RHBs in order that they can efficiently carry out their broadcast operations. Information is made available through the following methods, both online and offline.

18th Asian Games Jakarta Palembang 2018 Host Broadcast Platform



The official Host Broadcaster website acts as the primary information tool for RHBs at the 18th Asian Games Jakarta Palembang 2018. The Host Broadcaster website is available via the following link: www.asiangames2018.igbs.tv.

Launched in October 2017, it is regularly updated and contains the latest broadcast information with current news and details.

A 'Broadcasting The Games' section details the production plan for the event and includes camera plans, IBC maps and other important information related to the broadcast operation. An 'Event Information' section includes details on the sports, venues and the latest Competition Schedule.

A password-protected area of the platform is used for sharing downloadable content, such as:

- Running orders
- Scripts
- Booking forms
- On-screen graphics packages
- Vignettes
- Games News Updates

Second World Broadcaster Meeting (WBM2)

WBM2 will be held on 6 August 2018, just prior to the commencement of the 18th Asian Games Jakarta Palembang 2018.

Broadcast Information Office (BIO)



The Broadcast Information Office (BIO) is located at the IGBS Front Desk in the entrance corridor of Hall B at the IBC. The BIO is a shared desk with the Booking Office at the IGBS Front Desk. The BIO staff distribute all HB-related publications and newsletters to your premises and act as a contact point for any questions or enquiries from broadcasters regarding the broadcast operations of the 18th Asian Games Jakarta Palembang 2018.

The BIO is operational from 2 August 2018 and runs approximate operating hours of 09:00 until 20:00. Please check on site for amended operating hours which may change to match the requirements of RHBs.

18th Asian Games Broadcast Handbook

This Broadcast Handbook is the final major publication for the 18th Asian Games Jakarta Palembang 2018. It provides the final technical information regarding IGBS' broadcast operation and choices in terms of production, organisation and technology. Available on the HB Web Platform from July, printed copies will be distributed at WBM2 and a limited number of additional copies are available at the Broadcast Information Office (BIO).

RHB Daily Briefing

From 12 August 2018 a meeting will be held each day at the IBC allowing INASGOC and IGBS to inform RHBs of important news and developments as well as providing a forum for RHBs to raise any questions.

The RHB Daily Briefing will be held at the Briefing Room located in Hall B of the IBC.

RHB Newsletter

The RHB Newsletter contains updates of information related to the HB operation (Production, Booking, IBC, Venue Operations and general event information). During event time it includes a recap of the key information shared at each RHB Daily Briefing.



NEWSLETTER

18th Asian Games Jakarta Palembang 2018 RHB Newsletter
Issue 1 | 19 February 2018

WELCOME MESSAGE

Dear Rights Holding Broadcasters,

It is with great pleasure that we welcome you to the 18th Asian Games Broadcasters' Briefing. The 18th Asian Games Jakarta Palembang 2018 International Games Broadcasters' Briefing is proud to be the first Broadcasters' Briefing of the most watched events in the world.

This publication will be used to communicate all the important news and information. The frequency of the newsletter will increase as the Games approach, before becoming a daily publication during the most free period.

The next edition of the RHB Newsletter will be issued in April 2018. Stay tuned!

Cordially,
Lau Aisheng Chai & Mike Wilson (Project Directors, IGBC)

BOOKING DEADLINE REMINDER

RHBs are reminded that the deadline for requesting all permanent facilities for services at the International Broadcast Centre (IBC) is on **15 February 2018 at 12:00 GMT**.

All bookings must be made using the official Booking Order Form (BOF) issued by IGBC. BOFs are made available for download on <http://asiansports2018.sbs.com.au/bof>. Please note that the platform is password protected. The password has been distributed to RHBs previously.

For more information please contact booking@igbs.tv.

BROADCAST LEGACY PROGRAMME PRESS BRIEFING

IGBC and IGBCS organized a press briefing at the INASOGC headquarters in Jakarta on 17 January 2018 to promote the Broadcast Legacy Programme. The 10 partnered universities, along with INASOGC and IGBC, were invited to participate while more than 70 media persons were present to cover this event.

Mr. Erick Thohir, Executive Chairman, Mr. Ahmad Solihin, Deputy IGBCS Support and Mr. Spillo Spornandis, Vice President, represented INASOGC. Mike Wilson, Project Director, and Ella Nelson, Legacy Manager, represented IGBC. A formal signing ceremony was held between INASOGC, IGBC and the universities.

The Broadcast Legacy Programme has two activities: the internship programme and a sports (short film) competition. The internship programme will launch training programmes specifically designed to target more than 500 students, and give them the opportunity to get involved in the Games. They will gain invaluable experience while developing their skills in sports broadcasting as they join with the IGBC team.

The vignette competition has been created specially to promote the 18th Asian Games Jakarta Palembang 2018. Students must create an original short film carrying all the profound themes: Unity in Diversity, Energy of Asia, The World is Watching and Preparing for Triumph. The IGBC Senior Producer will select 24 winners. This winning video will be aired at a special ceremony event in Jakarta and will be distributed to the broadcasters worldwide to promote the Games. The top three students will win a trip to London to attend a two-day short filmmaking course at the National Film and Television School (NFTS) and tour the BBC Studios.



NEWSLETTER

18th Asian Games Jakarta Palembang 2018 RHB Newsletter
Issue 2 | 19 March 2018

SCHEDULE & COVERAGE

IGBC and IGBCS have updated the 18th Asian Games Broadcasters' Briefing (RHB) to include the following changes:

- The schedule will be held on 23 and 24 August 2018.
- The cycling time slots will be covered by ENG.
- The coverage of the opening and closing ceremonies for Badminton, Table Tennis and Tennis.

Player rules for the change in venues for the following sports:

- Archery, Karate and Judo have moved to JCC.
- Weightlifting, Taekwondo, Wrestling and Sambo have moved to JCC Plenary Hall.
- Rowing has been moved to JCC Concourse.

RHBs will be notified of further changes either via email or on the IGBC Newsroom.

GAMES NEWS UPDATE

The first two editions of the Games News Update (GNU) are now available to all RHBs on <http://asiansports2018.sbs.com.au/gnu>.

Below is the GNU publishing schedule:

- 13 April 2018
- 18 May 2018
- 8 June 2018
- 6 July 2018
- 13 July 2018
- 19 July 2018
- 25 July 2018
- 3 August 2018
- 10 August 2018
- 12 August to 2 September 2018 – 21 daily GNUs

DRONE FOOTAGE AVAILABLE

In addition to the GNU, a selection of drone shots are offered to RHBs. The footage includes shots of the natural landscape, indoor rowing and several shots of the Gelora Bung Karno Sports Stadium. RHBs are able to use this footage to promote the 18th Asian Games Jakarta Palembang 2018.

LEAVING A LEGACY

The Broadcast Legacy Programme is pleased to have received over 3,700 applications for the internship programme. There are approximately 500 positions to be filled by students – the next generation of Indonesian broadcast stars, who will be able to get involved in the Games and gain invaluable experience by developing their skills in sports broadcasting.

BOOKING UPDATE

The second edition of the Broadcasters' Rate Card and the updated Booking Order Form – now containing Venue Services and Facilities (BOF2) and Telecommunication Services (BOF3) – are available for download at <http://asiansports2018.sbs.com.au/bof>.

Kindly note that RHBs who have already submitted BOF1 do not have to fill it out again. Additionally, if there is a special request that does not fit in the booking form, RHBs are requested to specify it in the Special Request Form.



NEWSLETTER

18th Asian Games Jakarta Palembang 2018 RHB Newsletter
Issue 3 | 16 April 2018

WBM2 DATE CHANGE – 6 AUGUST

INASOGC and IGBCS have updated the 18th Asian Games Broadcasters' Briefing (RHB) to include the following changes:

- The WBM2 date has been changed from 12 August to 6 August.
- The WBM2 date has been changed from 12 August to 6 August.

GAMES NEWS UPDATE

This month's Games News Update (GNU) is now available for download from <http://asiansports2018.sbs.com.au/gnu>.

The newsletter will allow the OCA, INASOGC and IGBCS to present the first news and details regarding the event, the first broadcast and various other associated matters of interest to RHBs.

IGBCS will allow press to interact and participate in the first discussion. Further details regarding the event, venue, location and registration process for athletes will be included in the newsletter.

Furthermore, the date of the first RHB Daily Briefing has been set for 12 August. From this point, the RHB Daily Briefing will occur each day at the IBC, allowing RHBs and IGBCS to obtain RHBs of important news and developments as well as providing a platform for RHBs to share any comments.

A mandatory introductory briefing may be held at the IBC, under the direction of the IGBCS.

SPORT TECHNICAL HANDBOOKS

Sport Technical Handbooks for 18 different sports and disciplines of the Games are available for RHBs to download from the RHBs Web Platform. Each handbook contains general information about the Games, including information about the official sport or discipline, such as rules, location, number of events, the competition schedule and format, and contacts.

ASIAN GAMES ON SOCIAL MEDIA

RHBs are invited to have access to the latest news and information on the 18th Asian Games Jakarta Palembang 2018 via the following official social media platforms:

- <http://twitter.com/asiansports2018>
- <http://www.facebook.com/asiansports2018>
- <http://www.instagram.com/asiansports2018>
- <http://www.youtube.com/asiansports2018>

BROADCAST GRAPHICS

Broadcast graphics templates and guidelines are now available for download from the following link:

<http://asiansports2018.sbs.com.au/broadcast-graphics>

RHBs will receive the log-in details for this password protected site via email from IGBCS. Sports icons, transmission graphics and guidelines for flag, team and on-screen name formats are currently online, with additional graphics to be added to this site when available. Files are provided in the following formats: TGA, PDF and JPG.



Information at the Venues

Information staff are the contact point for unilateral bookings, with the requests relayed from the venue BLIO to the Booking Office at the IBC.

Unilateral Services Management

The management of unilateral services and facilities is managed by teams of Broadcast Liaison & Information Managers (BLIMs). These personnel are the main contact point for RHBs at the venues and play a key role in the coordination of unilateral services and facilities.

| Venue | Sports | BLIM |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------|
| GBK Aquatics Centre | Aquatics (Swimming, Diving, Synchronised Swimming) | Nicole Werther |
| GBK Istora | Badminton Court 1 & 2 | Kyoko Yamada |
| GBK Istora/Basketball Hall | Badminton Court 1 & 2 | Kalliopi Panagiotidou |
| GBK Main Stadium/Aquatics Centre/Jakarta Road | Floating | Jacqueline Chan |
| GBK Main Stadium/Aquatics Centre/Jakarta Road | Floating | Francisco Jesus Carrasco Garcia |
| GBK Tennis Indoor Stadium | Volleyball Indoor (main only) | Megumi Hasegawa |
| IBC | Floating | Miki Matsukawa |
| IBC | Floating | Siham Kamli |
| JCC Plenary Hall/Archery Field | Floating | Elisabete Da Silva Morais |
| JIEXPO Kemayoran A/B/C/Padepokan/Theatre Garuda/Jakarta Velodrome/International Equestrian/Popki Cibubur | Floating | Giuseppe Di Florio |

| Venue | Sports | BLIM |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------|
| JIEXPO Kemayoran A/B/C/Padepokan/ Theatre Garuda/Jakarta Velodrome/ International Equestrian/Popki Cibubur | Floating | Takuji Kimura |
| JIEXPO Kemayoran D | Gymnastics (Artistic/Rythmic/ Trampoline) | Caroline Brillet |
| JSC Gelora Sriwijaya/JSC Bowling Centre/ JSC Ranau Hall/JSC Shooting Range/JSC Sport Climbing/JSC Tennis Court | Floating | Sebastien Georges |
| Pakansari Stadium (Bogor) | Football Men (Bogor) | Thierry May |
| Patriot Stadium (Jakarta) | Football Men (Jakarta) | Ichiro Wada |
| Si Jalak Harupat | Football Men (Bandung) | Anthony Jouslin |
| Wibawa Mukti Stadium | Football Men (Cikarang) | Christopher Wilson |

BLIMs are active at venues with live coverage only in instances where RHBs have placed a booking.

Official Website and Social Media

The official event website is <http://asiangames2018.id>.

 <https://twitter.com/asiangames2018>

 <https://www.facebook.com/asiangames2018>

 <https://www.instagram.com/asiangames2018/>

 <https://www.youtube.com/asiangames2018>

Information and Liaison Timeline

| Event | Date |
|-------------------------------------------|------------------|
| Host Broadcast Manual available | 1 July 2018 |
| RHBs Newsletter becomes weekly | 15 July 2018 |
| Broadcast Information Office at IBC opens | 2 August 2018 |
| WBM2 – Jakarta | 6 August 2018 |
| First RHB Daily Briefing | 12 August 2018 |
| RHBs Newsletter becomes daily | 12 August 2018 |
| Opening Ceremony | 18 August 2018 |
| Closing Ceremony | 2 September 2018 |



GLOSSARY







GLOSSARY

The Glossary defines terms used throughout the TV Production Handbook. Fuller explanations and examples for many terms may be found in the relevant sections of the manual.

A

Accreditation

An accreditation or accreditation badge is the Access Device (AD) providing right of entry to a venue or IBC and various zones within a specified location.

See also Supplementary Access Device (SAD).

AD

Access Device (normally referring to accreditation).

Analogue

A continuously variable signal, circuit or device.

Announce Platform

Bookable position available to RHBs for stand-ups. Generally located in an upper deck of the stadium with a panoramic background view of the venue.

AoIP

Audio over IP.

Assistant Producer

The Assistant Producer oversees the needs of the multilateral production teams, liaising with the INASGOC media officer, the technical team and the production team.

Associated Services

Bookable services or facilities 'associated' with the match, including pre- and post-unilateral transmissions, commentary positions, announce positions or flash interview positions, used just prior to, during, or directly after a match.

B

BDP

Broadcast Domestic Power.

Beauty Camera

A fixed camera positioned to shoot wide-angle Beauty Shots. Installed on, or under, the stadium roof when used at a venue and on a vantage point of an iconic location when covering a city.

Bib

A Supplementary Access Device (SAD) in the form of a vest worn in access-restricted areas such as on-field positions (worn by cameramen and on-field ENG crews).

See also Supplementary Access Device (SAD).

BIM

Broadcast Information Manager. Each venue BIO is run by a BIM.

BIO

Broadcast Information Office. This office is the central information point for RHBs at each venue and at the IBC.

BLO

Broadcast Liaison Officer. BLOs provide assistance to RHBs at the venues during each event. Responsibilities include the coordination of pre- and post-unilaterals, and generally assisting commentators and unilateral ENG camera crews.

BOF

Booking Order Form. Broadcasters express their requests for unilateral services described in the Broadcasters' Rate Card using specific forms known as BOFs. These forms are grouped in batches corresponding to the different booking deadlines set for the event.

Bookable Facilities

Technical or production services, facilities or equipment available to RHBs on a permanent or temporary basis.

Broadcast Compound

The exterior area at the venue designated for the parking of mobile technical and production trucks, office trailers and other vehicles.

BTP

Broadcast Technical Power.

BVM

Broadcast Venue Manager. Oversees all broadcast-related matters at the venues for which s/he is responsible, including all multilateral and unilateral requirements in accordance with the booking requests received prior to the event.

C

CATV

Community Antenna Television. Cable distribution of TV channels, e.g. within the IBC and the venues.

CCR

Commentary Control Room. Designated area for the control of commentary operations at a venue. It is located as close as possible to the commentary position area. The CCR is the audio circuit handover point between the HB and telecommunications.

CCU

Commentary Control Unit. CCUs are located in the Commentary Control Room (CCR). Every Commentary Unit (CU) is linked by cable to a CCU. All audio signals to and from commentators are controlled by the CCU.

CDT

Contribution, Distribution and Transmission Room. Located at the IBC, the CDT is the technical control centre housing all equipment for the switching and distribution of multilateral and unilateral radio and television signals.

CIR

Cable Interconnection Room.

CIS

Commentary Information System. TV channels delivering competition information and statistics. Sometimes an interactive version, PC-based.

CMS

Commentator Monitoring System. CATV distribution in commentary positions, including TV feeds and CIS.

Codec

Signal adapter used to code/decode analogue TV and radio signals into data.

Commentary Circuit

Audio circuit for commentary going from the commentary position to the IBC or the destination of the RHBs.

Commentary Position

A seated position at the venue from where a commentator narrates the event. The equipment of the position varies according to the event.

Commentator

Radio or TV sports announcer narrating the event.

Compound

See Broadcast Compound.

Coordination Circuit

Communication circuit usually composed of two voice-grade telephony channels that facilitate the operational control and supervision of a production.

CRS

Central Results System.

CSC

Commentary Switching Centre. Controls and patches all national and international commentary and coordination audio circuits. The CSC is adjacent to the CDT at the IBC.

CU

Commentary Unit. A box to which commentators connect their microphones and headphones to feed/receive audio circuits to/from their home studio.



D

DA

Distribution Amplifier.

dB

Decibel. A unit used to express relative difference in power or intensity, usually between two acoustic or electric signals, equal to ten times the common logarithm of the ratio of the two levels.

Digital

A method of producing, broadcasting and receiving TV signals using digital technology to convert sound and pictures into a series of digits, in much the same way as a PC stores data.

Downlink

Segment of a satellite transmission from the satellite to a receiving dish.

DP

Domestic Power.

Dub

The duplication of an electronic recording.

DVTR

Digital Video Tape Recorder.

DWDM

Dense Wavelength Division Multiplex. An optical technology used to increase bandwidth over existing fibre optic backbones.

E

ENG

Electronic News Gathering. Also referred to as a TV crew.

ENG Positions/Platform

Platform dedicated to unilateral ENG (or live) cameras. Exact location of ENG platforms varies according to the venues. Positions are labelled and access is subject to having a special accreditation device.

F

FAQ

Frequently Asked Question(s).

Feed

TV or radio programme transmitted, or fed, to RHBs.

FOP

Field of Play.

Frequency

The number of cycles per second of wave signal. Measured in Hertz (Hz) or kiloHertz (kHz) or Megahertz (MHz).

G

GEth

Gigabit Ethernet.

Gfx

Graphic effects.

GMT (see UTC)

Greenwich Mean Time.

GNS

Ground and Neutral Separated.

H

HB

Host Broadcaster. The entity appointed by INASGOC to produce, and procure the worldwide distribution to RHBs of the feeds in accordance with INASGOC requirements. For the 18th Asian Games Jakarta Palembang 2018, INASGOC has appointed IGBS as Host Broadcaster.

HD/HDTV

High Definition Television. High-resolution digital television (DTV).

HDR

High Dynamic Range.

Host Cities

Jakarta and Palembang, the two cities designated to host events during the 18th Asian Games Jakarta Palembang 2018.

HVAC

Heating, Ventilation and Air Conditioning.

I

IBC

International Broadcast Centre. The centre of the 18th Asian Games Jakarta Palembang 2018 broadcast operations. The IBC will be located at Jakarta Convention Centre (JCC).

IGBS

International Games Broadcast Services. Initially founded as Doha Asian Games Broadcast Services (DAGBS) to provide the HB of the 15th Asian Games, IGBS is a 50-50 joint venture between Host Broadcast Services (HBS) and IMG Media.

INASGOC

Indonesia Asian Games 2018 Organizing Committee.

Injection Point

Technical facility that allows RHBs to playback and send recorded footage.

IRS

International Radio Signal.

ISDN

Integrated Switched Digital Network. A telephone-like digital technology.

J

JCC

The Jakarta Convention Centre, located in Jakarta, will house the IBC during the 18th Asian Games Jakarta Palembang 2018.

L

LOC

Local Organising Committee. For the 18th Asian Games Jakarta Palembang 2018, INASGOC are the LOC.

LSM

Live Slow Motion Machine.

M

MCIS

Multi-Channel International Soundtrack.

MDS

Master Delivery Schedule.

Media Tribune

Part of the grandstand, or another stand in the stadium, specifically reserved for media such as written press, photographers, observers and TV/radio commentators. Accessible only with accreditation and SADs.

MPC

Main Press Centre.

Multilateral

One or more feeds and/or services provided and/or coordinated by the HB for the collective benefit of all the RHBs or a group of broadcasters according to their rights contract with INASGOC.

Multilateral Signal

Television or radio signal produced by the HB at the venue and available to all RHBs.



MZ

Mixed Zone. An interview area at the venue where athletes and general media 'mix' to conduct some of the post-event interviews. Located in general between the athletes' dressing rooms and stadium exit.

O

OB Van

Outside Broadcast Van. Mobile production studios used to produce coverage of an event.

Observer Seat

A seated position at the venue, generally adjacent to the commentary positions and used by radio and TV accreditation device holders for observation only. A Supplementary Access Device (SAD) must be obtained from the venue BIO to access this facility. This service is subject to arbitration.

OCA

Olympic Council of Asia

Off-Tube Commentary Booth

An equipped commentary position installed at the IBC for non-venue commentary of a match.

Opening Ceremony

The first day of the Games. The Opening Ceremony of the 18th Asian Games Jakarta Palembang 2018 will be on 18 August 2018. The Closing Ceremony will be held on 2 September 2018.

P

PA

Public Address.

Post Unilateral

Bookable service available to RHBs after an event, e.g. in the venue studio or other position.

Presentation Studios

Studios featuring a view of the pitch, available for RHBs to book on a per-match basis.

Press Conference

A meeting in a room within the venue to which only media representatives have access and at which they may ask questions of the coaches and/or players present.

Promo

Promotional Feature.

R

Rate Card

The Broadcasters' Rate Card for the 18th Asian Games Jakarta Palembang 2018 details all services and facilities at the IBC and at the venues, as well as satellite distribution and general booking information.

RF

Radio frequency. Refers to wireless transmission or equipment.

RHB

Rights Holding Broadcaster. An organisation which has been granted certain media rights to a relevant OCA event in a particular territory or territories.

RIS

Radio International Sound.

RTV

Accreditation category for Radio and TV.

RX

Reception.

S

SAD

Supplementary Access Device. SADs are required for entry into specific areas and/or unilateral facilities at venues on competition days, in addition to the accreditation badge.

Satellite Farm

Area specifically dedicated to satellite dishes.

SDI

Serial Digital Interface is a digitised video format used for broadcast video which transmits digital component signals. There is also a high-definition version of SDI called HD-SDI.

SDTV

Standard Definition TV.

SMC

Stadium Media Centre. A designated area at each stadium with facilities for all sections of the media including work spaces, computer terminals and information/help desks.

SNG

Satellite News Gathering. Portable mobile unit capable of uplinking a signal to a satellite from a remote location. Usually refers to news-gathering vehicles equipped with a satellite dish.

SSM

Super Slow Motion.

Studios

TV or Radio studio leased by RHBs on an exclusive basis to produce a programme. Available equipped or unequipped.

T

ToIP

Telephony over IP.

TP

Technical Power.

Transponder

A satellite's own receiver and transmitter.

TVIS

Television International Soundtrack.

TX

Transmission.

U

UHD

Ultra HD is a term referring to definitions higher than HD, for instance 4K and 8K.

UM

Ultra Motion.

Unilateral

A feed and/or service provided and/or coordinated by the HB or a feed produced by an individual RHB, for the individual use of the respective RHB.

Unilateral Camera Positions

Unilateral camera position platforms, which provide space for cabled or hand-held RHB cameras.

See also ENG positions/platform.

Unilateral Flash Interviews

A service available at each venue. Interviews will be conducted in a unilateral flash interview zone, between the FOP and dressing rooms.

Uplink

Station transmitter used to send TV signals to a satellite.

UPS

Uninterruptible Power Supply. A secondary power supply that provides service in the event that the main AC power degrades or fails.

UTC

Universal Time Coordinated. UTC marks the starting point of each time zone in the world from the Greenwich meridian. Time in Jakarta and Palembang is UTC +7 hours during the 18th Asian Games Jakarta Palembang 2018.

V

VAC

Venue Accreditation Centre. Accreditation Centre in one of the official venues. It may also be located in a hotel for the purpose of accrediting special constituencies.



VAPP

Vehicle Accreditation and Parking Pass. Accreditation Device required for vehicle entry into a venue.

VandA

Video and Audio. Typically refers to a video and audio circuit, for example, between a venue and the IBC.

Venue

The sporting facilities and the IBC of the 18th Asian Games Jakarta Palembang 2018.

VoD

Video on Demand.

VoIP

Voice over IP.

VTR

Video Tape Recorder.

W

WBM

World Broadcaster Meeting. Two Asian Games' World Broadcaster Meetings, Asian Games' WBM1 and Asian Games' WBM2, will be held prior to the 18th Asian Games Jakarta Palembang 2018, between INASGOC, the HB and the RHBs.

WDM

Wave Division Multiplexing. Technology enabling to superimpose multiple signals over a single optical fibre, using different light colours, and therefore different wavelengths.

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IGBS TV Production Handbook

18th Asian Games Jakarta Palembang 2018

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